

PI	Direct Sponsor	Title	2020
Adkins,Pamela Rae Fry	AMER JERSEY CATTLE CLUB RESEARCH FNDTN	Prevalence of non-aureus staphylococci species causing intramammary infections in Jersey herds	8,000
Adkins,Pamela Rae Fry	UNIV OF VT	Bedding Strategies that Promote Udder Health and Milk Quality by Fostering a Beneficial Microbiome on Organic Dairy Farms	18,483
Amos Landgraf,James Michael	NIH OFFICE OF THE DIRECTOR	The Mutant Mouse Resource and Research Center at the University of Missouri	1,829,721
Anderson,Deborah Mae	NIH NATL INST OF ALLERGY AND INFECTIOUS	Host Response and Immunity to Yersinia pestis Infection	365,705
Bender,Shawn B	NIH NATL HEART LUNG AND BLOOD INST	Mineralocorticoid receptor-dependent coronary vascular dysfunction in obesity	549,371
Booth,Frank W	NIH NATL INST ON AGING	Gene-therapy-based rescue in rats selectively bred for low voluntary running distance phenotype	232,500
Brown,Charles R	NIH NATL INST OF ARTHRITIS MUSCULOSKELET	Efferocytosis in Lyme Arthritis Resolution	187,092
Bryan,Jeffrey N	ABK BIOMEDICAL INC	Evaluation of Activated Eye90™ Radioembolic Microsphere radiopacity on CT and signal on MRI in Rabbit Liver VX2 Tumor, evaluation of effect of radiopacity on detection of tumor enhancement on conventional Computed Tomography	305,097
Bryda,Elizabeth A	NIH OFFICE OF THE DIRECTOR	Development of Antisense Oligonucleotide Therapeutics for Alzheimer's Disease	222,726
Bryda,Elizabeth A	NIH OFFICE OF THE DIRECTOR	Rat Resource and Research Center- Year 20	1,381,872
Bryda,Elizabeth A	UNIV OF SOUTHERN CA	Generation of Cre/lox rats	22,436

Bukoski,Alex D	INNOVATIVE VETERINARY MEDICINE INC	N14A-T015 Anesthesia Ventilator for Atlantic Bottlenose Dolphins and California Sea Lions	13,172
Chaurasia,Shyam Sunder	NIH NATL EYE INST	Role of S100 proteins in Diabetic Retinopathy	1,008,246
Clarke,Lane L	CHRON'S AND COLITIS FNDDT OF AMER	CFTR and Inflammatory Bowel Disease	112,830
Clarke,Lane L	CYSTIC FIBROSIS FNDDTN	Proton Receptors and Inflammation in the CF Intestine	140,000
Clarke,Lane L	WASHINGTON UNIV	Alterations in Immune Tolerance by Intestinal Goblet Cell Dysfunction	5,000
Cummings,Kevin James	NIH NATL HEART LUNG AND BLOOD INST	Role of serotonin in cardiorespiratory homeostasis in sleep and during severe hypoxia	381,823
Dos Santos Silva,Kleiton Augusto	AMER HEART ASSN	Determining the role of angiotensin II-regulated autophagy on muscle degeneration.	56,140
Emter,Craig Allen	REGENCOR INC	IND-ENABLING EPICARDIAL BIOPHARMACEUTICAL IN THE DIABETIC HEART	1,599,000
Ericsson,Aaron C	NIH DIV OF PROG COORD, PLANNING & STRATE	Impact of Gut Microbiota and Segmented Filamentous Bacteria on Colitis-Associated Colorectal Cancer	114,920
Ericsson,Aaron C	NIH OFFICE OF THE DIRECTOR	The influence of complex gut microbiota on central nervous system development and adult cognition and behavior	127,875
Ericsson,Aaron C	ST LOUIS UNIVERSITY	Pilot Evaluation of the Skin Microbiome of Healthy Individuals and the Impact of Chlorhexidine Gluconate	6,480
Evans,Timothy	FOOD AND DRUG ADMN	Updating GC/MS analytical capabilities to enhance human and animal health	110,378
Flesner,Brian Kent	4PAWS DX	4Paws Dx Liquid Biopsies in Normal and Tumor-bearing Dogs	153,990
Franklin,Craig	BOEHRINGER INGELHEIM VETMEDICA INC	2020 Veterinary Research Scholars Program	15,000

Franklin,Craig	NIH OFFICE OF THE DIRECTOR	Postdoctoral Training in Comparative Medicine	448,071
Franz,Alexander W E	CO ST UNIV	Engineering Resistance to Zika Virus in Aedes aegypti for Cas9 Driven Population Modification	245,018
Franz,Alexander W E	NIH NATL INST OF ALLERGY AND INFECTIOUS	How Do Arboviruses Escape the Mosquito Midgut?- Analysis of a Novel Mechanism	382,974
Fuchs,Allison Armstrong	AMER COLLEGE OF VET OPHTHALMOLOGISTS	A novel bi-modal topical ophthalmic drop to treat corneal fibrosis	5,000
Grisanti,Laurel Ann	AMER HEART ASSN	Beta-Adrenergic Receptor Regulation of Inflammation in the Damaged Heart	77,000
Hancock,Tamara Suzanne	AMER VETERINARY MEDICAL ASSOC	AVMA Veterinary Educator Professional Development Grant	959
Hasser,Eileen Mary	NIH NATL HEART LUNG AND BLOOD INST	Central Circuit Plasticity in Cardiovascular Deconditioning	471,092
Hasser,Eileen Mary	NIH NATL HEART LUNG AND BLOOD INST	Plasticity of nTS Output Neurons In Acute and Chronic Hypoxia	675,492
Hasser,Eileen Mary	NIH NATL HEART LUNG AND BLOOD INST	Role of PVN neuropeptide projections to the nTS in cardiorespiratory control	
Heesch,Cheryl M	NIH NATL HEART LUNG AND BLOOD INST	Plasticity of nTS Output Neurons In Acute and Chronic Hypoxia	71,656
Johnson,Gary Steven	AKC CANINE HEALTH FNDTN	Defining the Effect of Genotype, Breed and Age on the Risk of Developing Canine Degenerative Myelopathy and Investigating the Molecular Mechanisms Underlying That Risk.	108,000
Johnson,Gary Steven	AKC CANINE HEALTH FNDTN	Identification of the Molecular Genetic Cause for Cystinuria in Irish Terriers	
Johnson,Gary Steven	AKC CANINE HEALTH FNDTN	Searching for a Genetic Risk Factor for Idiopathic Chylothorax in Afghan Hounds	15,000
Johnson,Gary Steven	AKC CANINE HEALTH FNDTN	Searching for the Cause for Alopecia X by Whole Genome Sequencing	10,000

Kil,Kun-Eek	AMER HEART ASSN	Development of Small-molecule CXCR3 PET Radiotracers for Atherosclerosis Imaging in Live Animals	100,000
Kline II,David D	NIH NATL HEART LUNG AND BLOOD INST	Plasticity of nTS Output Neurons In Acute and Chronic Hypoxia	475,914
Lorson,Christian Lawrence	NIH NATL INST OF NEUROLOGICAL DISORDER	Novel SMARD1 Mouse Models: Characterization and Evaluation of Potential Therapeutic Targets	338,654
Lorson,Christian Lawrence	SHIFT PHARMACEUTICALS	SBIR - Multi-dose pre-clinical studies in rat for E1-targeting antisense oligonucleotides	61,746
Lyons,Leslie A	EVERYCAT HEALTH FNDDN	Precision Medicine Genomics for Cats	35,000
Lyons,Leslie A	KU POLYCYSTIC KIDNEY DISEASE CTR	Characterization of Cat Model of ADPKD	25,000
Maitz,Charles A.	MRI GLOBAL	Task Order: MRI Global (DARPA) Radiation Study	26,518
Mccleary-Wheeler,Angela Lynn	AKC CANINE HEALTH FNDDN	Targeting the Cancer Epigenome: The Effect of Specific Histone Lysine Methyltransferase Inhibition in Canine B-Cell Lymphoma	21,321
McConnell,Diane Dolores	CAYMAN CHEMICAL	Correlation of the use of nicotine products and matrix metalloproteinase-2 and -9 expression with recurrence and overall survival time in glioblastoma patients	1,000
Mickelson,Megan Ann	AMER COLLEGE OF VET SURGEONS	Effect of subcutaneous lavage on bacterial contamination in dogs undergoing gastrointestinal surgery	
Middleton,John R	DELAVAL MFG	Teat canal closure measurements	13,679
Mohan,Rajiv Ravindra	HARRY S TRUMAN MEM VETERANS HOSP	Olga Glinskii IPA Agreement with VA Hospital to cover 31.9% of salary/benefits for period 9/1/19 through 12/31/2021.	78,828

Mohan,Rajiv Ravindra	HARRY S TRUMAN MEM VETERANS HOSP	Ratnakar Tripathi IPA Agreement with VA Hospital to cover 50% of salary for the period 7/1/2019 through 12/31/2021.	122,799
Mohan,Rajiv Ravindra	NIH NATL EYE INST	Novel approaches for corneal haze/fibrosis elimination	769,500
Nichols,Nicole L	NIH NATL HEART LUNG AND BLOOD INST	Harnessing tongue exercise to enhance neuroplasticity and preserve upper airway function in a novel model of hypoglossal motor neuron degeneration	421,470
Payne,Craig Alan	NATL INST OF FOOD AND AG	Veterinary Education and Training in Beef Cattle Reproduction and Genomics	236,750
Reinero,Carol Rose	AKC CANINE HEALTH FNDDN	Documenting the pathologic link between the lung and gut: Videofluoroscopic swallow study diagnosis of aerodigestive disorders in dogs	83,801
Singh,Kamlendra	EMORY UNIV	Reverse Transcriptase Multi-Class Drug Resistance and Rilpivirine Susceptibility in Diverse HIV-1 Subtypes	10,075
Singh,Kamlendra	EMORY UNIV	Ultrapotent inhibitors of wild-type and multi-drug resistant HIV	69,087
Singh,Kamlendra	KAROLINSKA INSTITUTET	Antimicrobial substances and drug resistance	69,505
Skyberg,Jerod Alan	NIH NATL INST OF ALLERGY AND INFECTIOUS	Dual Role for Innate Lymphoid Cells in Pathogenesis of Brucellosis	226,179
Skyberg,Jerod Alan	NIH NATL INST OF ALLERGY AND INFECTIOUS	Metabolic Control of Brucellosis	226,179
Walker,Kelsey Elizabeth	AMER COLLEGE OF VET INTERNAL MEDICINE	Bacterial culture and susceptibility of samples taken from septic foot lesions of adult cattle originating from cow-calf operations	9,285