

PI	Direct Sponsor	Title	2021
Adamovicz,Jeffrey Joseph	MBF THERAPEUTICS INC	In vivo study to evaluate T cell responses to SARS Antigens in Hamsters	28,256
Adkins,Pamela Rae Fry	DEPT OF AG	Show-Me VET ECHO: Veterinary Education and Training (VET) through Extension for Community Healthcare Outcomes (ECHO) Program	238,228
Adkins,Pamela Rae Fry	PRAECISDX LIMITED	Sample preparation from early lactation dairy cows	
Adkins,Pamela Rae Fry	UNIV OF MD	Big-Data Genomic Investigation to Improve Dairy Cattle Health	9,997
Amos Landgraf,James Michael	NIH OFFICE OF THE DIRECTOR	Optimization of murine models of COVID-19 through gut microbiota manipulation	385,120
Amos Landgraf,James Michael	NIH OFFICE OF THE DIRECTOR	The Mutant Mouse Resource and Research Center at the University of Missouri - 22	1,491,163
Anderson,Deborah Mae	NIH NATL INST OF ALLERGY AND INFECTIOUS	Host Response and Immunity to Yersinia pestis Infection	365,222
Anderson,Paul Ervin	NOTA LAB	SBIR: NO Efficacy and Dose-Response Curve	29,984
Baines,Christopher Philip	NIH NATL INST ON AGING	Characterization of EFhd2 as a novel inhibitor of necroptosis and aging-related cardiovascular pathology	434,500
Bender,Shawn B	NIH NATL HEART LUNG AND BLOOD INST	Mineralocorticoid receptor-dependent coronary vascular dysfunction in obesity	549,371
Brown,Charles R	NIH NATL INST OF ARTHRITIS MUSCULOSKELET	Efferocytosis in Lyme Arthritis Resolution	151,930
Bryan,Jeffrey N	ABK BIOMEDICAL INC	Evaluation of Eye90™ Radioembolic Microspheres radiopacity and delivery in healthy rabbits	28,398
Bryan,Jeffrey N	ABK BIOMEDICAL INC	First in Dog Oncology Trial utilizing Radioembolization Eye90 Advanced Treatment Study (FIDO TREATS)	148,773

Bryan,Jeffrey N	ELIAS ANIMAL HEALTH LLC	Pilot Study to Evaluate Safety & Efficacy of ELI212 as Treatment for Newly Diagnosed Oral Malignant Melanoma in Dogs	187,124
Bryda,Elizabeth A	NIH OFFICE OF THE DIRECTOR	Generation of Novel Rat Models for the Study of SARS-CoV-2 and COVID-19	203,950
Bryda,Elizabeth A	NIH OFFICE OF THE DIRECTOR	Rat Resource and Research Center	1,292,719
Bryda,Elizabeth A	UNIV OF CO DENVER	RAT21: Generation and Characterization of Rat Models of Down Syndrome	602,685
Bryda,Elizabeth A	UNIV OF SOUTHERN CA	Generation of Cre/lox rats	22,640
Clarke,Lane L	CHRON'S AND COLITIS FNDDT OF AMER	CFTR and Inflammatory Bowel Disease	110,330
Clarke,Lane L	CYSTIC FIBROSIS FNDDT	Frameshift CFTR Mutant Reporter Mice and MNPs for CRISPR/Cas9 Delivery	81,000
Clarke,Lane L	CYSTIC FIBROSIS FNDDT	Proton Receptors and Inflammation in the CF Intestine	140,000
Coates,Joan Ripley	BIONEXUS KC	Spatial Temporal Investigation on a Canine Disease Model of ALS	50,000
Coates,Joan Ripley	OH ST UNIV	SMART IACUC: A path to harmonized veterinary multi-site trial review	57,272
Cummings,Kevin James	NIH NATL HEART LUNG AND BLOOD INST	Role of serotonin in cardiorespiratory homeostasis in sleep and during severe hypoxia	381,710
Donnelly,Lindsay Lee	LEIDOS BIOMEDICAL RESEARCH, INC	Operationalizing NCI-COP Protocol COTC027	25,733
Dowler,Kourtney Kathryn	AMER COLLEGE OF VET OPHTHALMOLOGISTS	Commercially available intraocular lenses commonly used in canine cataract surgery: a microbiota investigation	5,000
Emter,Craig Allen	CARDIAC RSK3 INHIBITORS LLC	Cardiac RSK3 Inhibitors, LLC: Phase 1 Dose Response Study	94,510

Emter,Craig Allen	CYTOKINETICS INC	Cytokinetics contract: The Impact of the Myosin Inhibitor CK-3772271 on Cardiac Function in Swine Models of Heart Failure with Preserved Ejection Fraction	176,326
Ericsson,Aaron C	NIH OFFICE OF THE DIRECTOR	The influence of complex gut microbiota on central nervous system development and adult cognition and behavior	104,625
Evans,Timothy	PURDUE UNIV	See Us-Be Us: Inspiring future veterinarians using a Veterinary STEM Ecosystem	1,500
Franklin,Craig	BOEHRINGER INGELHEIM VETMEDICA INC	2021 Veterinary Research Scholars Program	20,000
Franklin,Craig	NIH OFFICE OF THE DIRECTOR	Postdoctoral Training in Comparative Medicine	267,464
Franz,Alexander W E	CO ST UNIV	Engineering Resistance to Zika Virus in Aedes aegypti for Cas9 Driven Population Modification	217,873
Hasser,Eileen Mary	NIH NATL HEART LUNG AND BLOOD INST	Plasticity of nTS Output Neurons In Acute and Chronic Hypoxia	407,760
Johnson,Gary Steven	BROAD INST	Identification of genetic risk factors in degenerative myelopathy in German shepherd dogs	14,580
Kline II,David D	AMER HEART ASSN	Plasticity in GABA neurotransmission in the nucleus tractus solitarii after cardiovascular deconditioning	69,446
Kline II,David D	NIH NATL HEART LUNG AND BLOOD INST	Neurophysiology and plasticity of cardiorespiratory circuits to hypoxia	
Kline II,David D	NIH NATL HEART LUNG AND BLOOD INST	Plasticity of nTS Output Neurons In Acute and Chronic Hypoxia	339,268
Leach,Stacey B	AMER COLLEGE OF VET INTERNAL MEDICINE	A comparison of cardiac biomarkers (NT-proBNP and cardiac troponin) in dogs with cardiac and non-cardiac causes of non-haemorrhagic ascites	13,300
Lorson,Christian Lawrence	CMT RESEARCH FNDDTN	A precision medicine-based approach for CMT2E	200,000

Lorson,Christian Lawrence	NIH NATL INST OF NEUROLOGICAL DISORDER	Novel SMARD1 Mouse Models: Characterization and Evaluation of Potential Therapeutic Targets	347,189
Lorson,Christian Lawrence	UNIV OF KS CTR FOR RESEARCH INC	Small molecule-oligonucleotide conjugate for the treatment of spinal muscular atrophy (SMA) with improved specificity	10,000
Lorson,Monique Ann	BIONEXUS KC	A Large Animal model of IGHMBP2: understanding disease development	
Lorson,Monique Ann	SHIFT PHARMACEUTICALS	A Novel Series of ASOs to Address CMT1A	35,000
Lyons,Leslie A	EVERYCAT HEALTH FNDR	High Density Cat DNA Array Genome-wide Association Studies (Amyloidosis HD Array Project)	26,779
Lyons,Leslie A	EVERYCAT HEALTH FNDR	High Density Cat DNA Array Genome-wide Association Studies (Burmese EDS Project)	11,419
Lyons,Leslie A	HILL'S PET NUTRITION, INC	isolating DNA from 525 MU-specific cats and then 435-915 from Hill's-specific cats	67,570
Lyons,Leslie A	PHILADELPHIA ZOO	Investigation into the genetics of snow leopard (Panthera uncia) multiple ocular coloboma	12,950
Lyons,Leslie A	UNIV OF CA SANTA BARBARA	Ketosis as a therapy for polycystic kidney disease	7,587
Ma,Wenjun	NIH NATL INST OF ALLERGY AND INFECTIOUS	Biology and infection of bats with novel bat influenza viruses	419,278
Ma,Wenjun	NIH NATL INST OF ALLERGY AND INFECTIOUS	Identification of Small Molecular Inhibitors of Rift Valley Fever Virus Replication	425,731
Ma,Wenjun	ST JUDES CHILDRENS RESEARCH HOSP	Syndromic Surveillance of Swine Influenza Viruses in the United States	80,089
Ma,Wenjun	UNIV OF KS MED CTR RESEARCH INST, INC	Effects and mechanisms of pharmacologic ascorbate in inhibiting SARS-CoV2 in pre-clinical models	111,164

McCleary-Wheeler,Angela Lynn	MORRIS ANIMAL FNDDTN	SHIP Inhibition in Canine Osteosarcoma: Evaluation of a Novel Target	5,000
Mickelson,Megan Ann	AMER COLLEGE OF VET SURGEONS	Effect of subcutaneous lavage on bacterial contamination in dogs undergoing gastrointestinal surgery	12,555
Mohan,Rajiv Ravindra	CALISTA THERAPEUTICS	SBIR: Treatment of Neurotrophic Keratitis (NK) corneal wounds by a PI3K-Akt pathway activator	53,443
Mohan,Rajiv Ravindra	HARRY S TRUMAN MEM VETERANS HOSP	IPA Agreement for Suneel Gupta with VA Hospital to cover 55% of his salary for the period of 12/01/20 through 12/31/21	68,070
Mohan,Rajiv Ravindra	HARRY S TRUMAN MEM VETERANS HOSP	Praveen Balne IPA Agreement with VA Hospital to cover 75% of salary and fringe for the period of 07/01/20 through 12/31/2021	113,141
Mohan,Rajiv Ravindra	NIH NATL EYE INST	Novel approaches for corneal haze/fibrosis elimination	374,007
Mohan,Rajiv Ravindra	NIH NATL EYE INST	Turbo Eye Drops to Treat Ocular Toxicity and Blindness from Sulfur Mustard	703,048
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	529,090
Raghavan,Ram Kumar	KS WILDLIFE, PARKS AND TOURISM	Spatial Epidemiology of Chronic Wasting Disease	842,019
Rau,Meagan Brophy	FNDDTN FOR VET DENTISTRY	Evaluation of the oral microbiome and periodontal disease as a risk factor for bacterial translocation following routine dental procedures in dogs	10,000