

Awards FY2025

PI	Direct Sponsor	Title	2025
Adkins, Pamela Rae Fry	NATL INST OF FOOD AND AG	University of Missouri College of Veterinary Medicine Animal Health and Disease Research Program	40,465
Amos Landgraf, James Michael	NIH OFFICE OF THE DIRECTOR	The Mutant Mouse Resource and Research Center at the University of Missouri	1,180,913
Ateya, Mostafa Farghal Namish	NIH NATL INST OF ALLERGY AND INFECTIOUS	Antibody Mediated Immunity Against Brucella	193,930
Bowles, Douglas K	NIH NATL HEART LUNG AND BLOOD INST	Cell-specific role and therapeutic potential of KCa3.1 in atherosclerosis	666,891
Boychuk, Carie	NIH NATL HEART LUNG AND BLOOD INST	The Impact of High Fat Diet on Brainstem Vagal Regulation	390,843
Boychuk, Carie		The Impact of High Fat Diet on Brainstem Vagal Regulation (Supplement)	323,980
Boychuk, Carie	TUFTS UNIV	CRH dysregulation of brainstem autonomic circuits increases SUDEP risk	270,924
Brown, Charles R	NIH NATL INST OF ARTHRITIS MUSCULOSKELET	Mechanisms of Reverse Transendothelial Migration in Arthritis Resolution	366,797
Bryan, Jeffrey N	EDGE ANIMAL HEALTH	Analysis of renal biopsies by University of Missouri, College of Veterinary Medicine	19,734
Bryan, Jeffrey N	ELIAS ANIMAL HEALTH LLC	Clinical trial to evaluate the safety and effectiveness of a vaccine-enhanced adoptive T cell therapy combined with a novel adjuvant following limb-sparing surgery as treatment for appendicular osteosarcoma in dogs.ECIP-OSA-01	167,544
Bryan, Jeffrey N	LEAH LAB	Direct lymph node injection of xCAR-T cell therapy in dogs with CD20+ diffuse large B cell lymphoma	80,820
Bryan, Jeffrey N	NW UNIV	Novel IL-12 Gene Delivery Vehicles for Transformation of Solid Tumors	30,000
Bryan, Jeffrey N	WASHINGTON UNIV	biSNA application for immunotherapy of soft-tissue sarcoma	28,682
Bryda, Elizabeth A	NIH OFFICE OF THE DIRECTOR	MU Rodent Testing Center for Somatic Cell Genome Editing	423,027
Bryda, Elizabeth A		Rat Resource and Research Center - Year 25	1,254,237
Clarke, Lane L	CYSTIC FIBROSIS FNDTN	Epithelial-Specific Dysregulation and Pharmacological Correction of the CF Intestinal Barrier	167,998
Clarke, Lane L		Oral Tolerance in the Cystic Fibrosis Intestine	56,000
Cummings, Kevin James	NIH NATL HEART LUNG AND BLOOD INST	A critical forebrain-brainstem circuit contributes to the adaptive and maladaptive cardiorespiratory responses to hypoxia	644,687
Cummings, Kevin James		SIDS, failed autoresuscitation, and a novel serotonergic brainstem-cerebellar circuit	720,741
D'Agostino, Albert	AMER COLLEGE OF VET OPHTHALMOLOGISTS	The Effects of Age on the Canine Tear Proteome	7,500

Ericsson, Aaron C	Hackensack Meridian Health	Gut and Intratumoral Microbiome Effects on Neoadjuvant Chemotherapy-Induced Immunosurveillance in Triple Negative Breast Cancer	8,254
	UNIV OF CT	Mechanisms of gut microbiota/metabolite interface-mediated hepatic inflammation	13,486
Evans, Timothy	PURDUE UNIV	See Us-Be Us: Inspiring future veterinarians using a Veterinary STEM Ecosystem	1,500
Franklin, Craig Lawrence	BOEHRINGER INGELHEIM VETMEDICA INC	2025 Boehringer Ingelheim Veterinary Scholars Program	30,800
Franz, Alexander W E	UNIV OF CA DAVIS	R56 Bridge Funding - Inhibition of virus replication by broadly-acting recombinant enhanced antiviral restrictors (REAVRs)	259,321
Gangwani, Laxman Dass	NIH NATL INST OF NEUROLOGICAL DISORDER	The functions of the zinc finger protein ZPR1 in R-loop metabolism and neurodegeneration (R01 NS115834)	362,195
Ganta, Roman Reddy	MERCK ANIMAL HEALTH	Furthering research on bovine anaplasmosis vaccine as suitable for commercialization	510,343
Ganta, Roman Reddy	NIH NATL INST OF ALLERGY AND INFECTIOUS	Genetics and Axenic Growth of tick-borne E. chaffeensis and A. phagocytophilum	1,073,482
Ganta, Roman Reddy	UNIV OF CA DAVIS	Improvements to modified live bovine anaplasmosis vaccine	55,000
Grisanti, Laurel Ann	NIH NATL HEART LUNG AND BLOOD INST	Elucidating the Role of Death Receptor 5 in the Heart	383,826
Kil, Kun-Eek	NIH NATL INST ON AGING	Development of 1,4-Benzodioxane Derivatives as F-18 PET Radiotracers for Alpha-2C Adrenergic Receptors and Their Preclinical Evaluations	233,402
Kline II, David D	NIH NATL HEART LUNG AND BLOOD INST	GABA signaling in the nTS and cardiorespiratory responses to hypoxia	621,667
Lancer, Danielle	AMER COLLEGE OF VETERINARY RADIOLOGY	Low- dose Radiation therapy in dogs with dilated cardiomyopathy and congestive heart failure	8,952
Lorson, Christian Lawrence	NIH NATL INST OF NEUROLOGICAL DISORDER	Understanding the role of patient-derived Ighmbp2 mutations in neurodegeneration and pre-rRNA processing	559,861
Ma, Wenjun	ST JUDES CHILDRENS RESEARCH HOSP	4.3.3b MU Influenza pathogenicity testing in animal models (Ma) (MOD 23)	78,453
Ma, Wenjun	SWINE HEALTH INFO CTR	Surveillance and pathogenicity of mammalian orthoreovirus, adenovirus and novel pathogens in pigs	149,871
Mohan, Rajiv Ravindra	MED COLLEGE OF WI	Mechanistic Understanding of Mustard Gas Toxicity in the Retina using a Minipig Model	75,924
Mohan, Rajiv Ravindra	NIH NATL EYE INST	Late/chronic corneal injury following threat chemical exposure	446,228
Mohan, Rajiv Ravindra		Turbo Eye Drops to Treat Ocular Toxicity and Blindness from Sulfur Mustard	718,856
Moore, Susan Marie	CTRS FOR DISEASE CONTROL AND PREVENTION	Rabies Serology Proficiency Testing Program	47,826

Picking, Wendy Lynn	NIH NATL INST OF ALLERGY AND INFECTIOUS	A prophylactic vaccine to prevent colonization by Pseudomonas aeruginosa (R01AI169781)	772,498
Picking, Wendy Lynn		An intranasal room stable vaccine formulation to prevent Pseudomonas aeruginosa	193,930
Picking, Wendy Lynn	UNIV OF MD	Adjuvant development of the TLR4 ligand - BECC470s	372,775
Picking, William Daniel	NIH NATL INST OF ALLERGY AND INFECTIOUS	Characterization of assembly and activation of the Shigella type III secretion injectisome	616,769
Raghavan, Ram Kumar	DEPT OF DEFENSE	Protection of Military Working Dogs from Kissing Bugs using Pyrethroid Impregnated Barriers for the Prevention of Chagas Disease	132,495
Reinero, Carol Rose	AKC CANINE HEALTH FNDTN	Comparison of Sedated Respiratory-Gated Computed Tomography (CT) to Anesthetized Inspiratory:Expiratory Breath Hold CT in Dogs	2,000
Reinero, Carol Rose	CLINICAL AND TRANSLATIONAL SCI AWARD ONE	Cross-Species Translational Summit of Respiratory Disorders	25,000
Reinero, Carol Rose	EVERYCAT HEALTH FNDTN	Feline aerodigestive disorders: Documenting a pathologic link between respiration and swallow in cats presenting with respiratory tract signs	50,000
Rosenfeld, Cheryl S	NIH NATL INST OF CHILD HEALTH AND HUMAN	Characterizing the Placenta-Brain Axis in Transgenic Mice Lacking Serotonin Transporter (SERT) in Trophoblast Cells	156,500
Sankisov, Jacqueline	AMER COLLEGE OF VET INTERNAL MEDICINE	Quantitative right heart assessment in dogs with severe pulmonic stenosis before and after pulmonary balloon valvuloplasty	13,500
Singh, Kamendra	21ST SOLUTIONS, LLC	21ST SOLUTIONS PROJECT AGREEMENT	75,000
Somer, Donna Lizette	BASS PRO SHOPS AND CABELAS OUTDOOR FUND	Raptor Rehabilitation Project - Education Initiatives	2,500
Sreevatsan, Srinand	NATL INST OF FOOD AND AG	A novel probiotic based oral delivery vaccine for bovine tuberculosis	650,000
Tharp, Darla L	RENOVATE BIOSCIENCES INC	Renovate: Lexeo Tnni3 Phenotyping Study	252,434
Townsend, Kile Shannon	LASER GRAPHICTRONICS LLC	STTR: Phase I: DigitFoal: An Early Labor Warning System for Safe and Successful Foal Delivery	120,608
Zhang, Shuping	DEPT OF AG	NAHLN Level 1 Laboratory Work Plan	128,800
Zhang, Shuping	NATL INST OF FOOD AND AG	NAHLN Level 1 Lab - Maintaining and Further Improving Capacity and Capabilities of the University of Missouri Veterinary Medical Diagnostic Laboratory	250,000