

Awards FY2024

PI	Direct Sponsor	Title	2024
Adkins, Pamela Rae Fry	DELAVAL MFG	Randomized noninferiority field trial evaluating a probiotic-based post-milking teat dip for the prevention of naturally occurring intramammary infections	111,289
Amos Landgraf, James Michael	NIH OFFICE OF THE DIRECTOR	The Mutant Mouse Resource and Research Center at the University of Missouri - Year 25	1,491,163
Anderson, Deborah Mae	ALBANY MED COLLEGE	Yersinia Outer-Membrane-Vesicle Vaccines Against Pneumonic Plague	62,110
Anderson, Deborah Mae	NIH NATL INST OF ALLERGY AND INFECTIOUS	Transovarial transmission of yersinia pestis in fleas	227,054
Baines, Christopher Philip	BOEHRINGER INGELHEIM VETMEDICA INC	2024 Veterinary Research Scholars Program	30,800
Bowles, Douglas K	NIH NATL HEART LUNG AND BLOOD INST	Cell-specific role and therapeutic potential of KCa3.1 in atherosclerosis	722,021
Boychuk, Carie	AMER PHYSIOLOGICAL SOC	Beverly Bishop Petterson Award	20,000
Boychuk, Carie	NIH NATL HEART LUNG AND BLOOD INST	The Impact of High Fat Diet on Brainstem Vagal Regulation	808,038
Boychuk, Carie	TUFTS UNIV	CRH dysregulation of brainstem autonomic circuits increases SUDEP risk	374,030
Boychuk, Jeffery	NIH NATL INST OF NEUROLOGICAL DISORDER	CORTICOSPINAL MECHANISMS FOR HIGH FAT DIET IMPEDING STROKE RECOVERY	304,995
Bryan, Jeffrey N	GUIDEHOUSE INC	Comparative Oncology Program COTC033: Repurposing Vaccine Immunity to Treat Cancers Validation in Canine Patients	79,338
Bryan, Jeffrey N	MAYO CLINIC	Towards Safer and More Effective CART Cell Therapy Through the Modulation of Myeloid Cytokines	138,464
Bryan, Jeffrey N	VETIGENICS	Pilot study of anti-canine CTLA4 mAb (VGS-001) in canine patients with stage III/IV oral melanoma	143,667
Bryda, Elizabeth A	NIH NATL CTR FOR RESEARCH RES	Rat Resource and Research Center - Year 24	1,300,192
Bryda, Elizabeth A	NIH OFFICE OF THE DIRECTOR	Postdoctoral Training in Comparative Medicine - Year 45	284,949
Bryda, Elizabeth A	NIH OFFICE OF THE DIRECTOR	Postdoctoral Training in Comparative Medicine - Year 46	304,969
Bryda, Elizabeth A	NIH OFFICE OF THE DIRECTOR	Rat Resource and Research Center	296,276
Chu, Shirley	EVERYCAT HEALTH FNDTN	Creation of a web-based platform, in cBioPortal, for data visualization and analysis of large-scale genomics data in feline cancer	50,000
Clarke, Lane L	YALE UNIV	CFTR High Expressing Cells in intestinal physiology	41,350

Davis, Daniel John	NIH NATL INST ON DRUG ABUSE	Rat modeling service to create Drd3-Dre and Gal-Cre rat models	29,597
Davis, Daniel John	NIH NTL CNTR COMPLI AND ALTER MED	Purchase animals, embryo collections, PNI, embryo transfers, and animal housing	17,609
Ericsson, Aaron C	Hackensack Meridian Health	Gut and Intratumoral Microbiome Effects on Neoadjuvant Chemotherapy-Induced Immunosurveillance in Triple Negative Breast Cancer	8,065
Ericsson, Aaron C	ST LOUIS UNIVERSITY	Role of microbiota transplantation in mitigating injury in short bowel syndrome	12,622
Evans, Timothy	PURDUE UNIV	See Us-Be Us: Inspiring future veterinarians using a Veterinary STEM Ecosystem	1,500
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)	1,202,004
Ganta, Roman Reddy	AGRICULTURAL RESEARCH SVC	Building Foundations for E. Ruminantium Vaccine Development	162,804
Ganta, Roman Reddy	BOEHRINGER INGELHEIM VETMEDICA INC	Development of Neorickettsia risticii molecular genetics to support basic and applied research on Potomac horse fever	313,000
Ganta, Roman Reddy	NIH NATL INST OF ALLERGY AND INFECTIOUS	Rocky Mountain Spotted Fever Vaccine Development R01AI152417	1,770,632
Ganta, Roman Reddy	NIH NATL INST OF ALLERGY AND INFECTIOUS	Vaccines Against Ehrlichia and Anaplasma Species Infections	1,709,953
Ganta, Roman Reddy	NIH NATL INST OF ALLERGY AND INFECTIOUS	Vector and Host Contributions to the Regulation of E. chaffeensis Gene	1,134,911
Grisanti, Laurel Ann	NIH NATL HEART LUNG AND BLOOD INST	Elucidating the Role of Death Receptor 5 in the Heart	383,826
Iwaki, Yoshimi	AKC CANINE HEALTH FNDR	Comparison of genomic mutation status between primary site and metastatic lymph node in canine oral malignant melanoma	19,926
Kil, Kun-Eek	LEAH LAB	Radioactive probe for PET imaging	35,551
Kline II, David D	NIH NATL HEART LUNG AND BLOOD INST	GABA signaling in the nTS and cardiorespiratory responses to hypoxia	676,924
Lattimer, Jimmy Christian	THERAGENICS	Dose estimation and safety study for a new Palladium103 plesiotherapy device in pigs.	134,995
Lorson, Christian Lawrence	HOWARD HUGHES MEDN INST	James H. Gilliam, Jr. Fellowships for Advanced Study Science Education - Sara Ricardez Hernandez	53,000
Lorson, Christian Lawrence	NIH NATL INST OF NEUROLOGICAL DISORDER	Novel SMARD1 Mouse Models: Characterization and Evaluation of Potential Therapeutic Targets	313,401

Lorson, Christian Lawrence	NIH NATL INST OF NEUROLOGICAL DISORDER	Understanding the role of patient-derived lghmbp2 mutations in neurodegeneration and pre-rRNA processing	622,078
Lyons, Leslie A	EVERYCAT HEALTH FNDTN	Precision Medicine Genomics for Cats – The 99 Lives Cat Genome Project (continuation)	49,837
Lyons, Leslie A	PHILADELPHIA ZOO	Investigation into the genetics of snow leopard (<i>Panthera uncia</i>) multiple ocular coloboma	15,000
Lyons, Leslie A	UNIV OF CA SANTA BARBARA	Ketosis as a therapy for polycystic kidney disease	66,641
Ma, Wenjun	NATL INST OF FOOD AND AG	Safe And Effective Newcastle Disease Virus Vectored Live Attenuated Swine Influenza Vaccines	650,000
Ma, Wenjun	ST JUDES CHILDRENS RESEARCH HOSP	Influenza pathogenicity testing in animal models -Year 4	76,951
Maitz, Charles A.	AVIKO INV	Testing the therapeutic effect of novel BNCT boron carriers in cancer models	733,890
Martin, Lynn Marie	MORRIS ANIMAL FNDTN	Evaluation of serum amyloid a in equine neonatal sepsis scoring systems	5,500
Mohan, Rajiv Ravindra	HARRY S TRUMAN MEM VETERANS HOSP	IPA Agreement for Suneel Gupta with VA Hospital to cover 40% of his salary for the period of assignment extended from 01/01/23 to 12/31/2024.	0
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	62,400
Mohan, Rajiv Ravindra	HARRY S TRUMAN MEM VETERANS HOSP	IPA Agreement with VA Hospital for Rajnish Kumar	4,899
Mohan, Rajiv Ravindra	HARRY S TRUMAN MEM VETERANS HOSP	Olga Glinskii IPA Agreement with VA Hospital to cover 31.9% of salary/benefits through 12/31/2025	62,290
Mohan, Rajiv Ravindra	HARRY S TRUMAN MEM VETERANS HOSP	Ratnakar Tripathi IPA Agreement with VA Hospital to cover 40% of salary for the period 01/01/2023 through 12/31/2024	0
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.	62,400
Mohan, Rajiv Ravindra	MED COLLEGE OF WI	Subcontract: Role of S100 proteins in Diabetic Retinopathy	61,213
Mohan, Rajiv Ravindra	NIH NATL EYE INST	Late/chronic corneal injury following threat chemical exposure	455,992
Mohan, Rajiv Ravindra	NIH NATL EYE INST	Turbo Eye Drops to Treat Ocular Toxicity and Blindness from Sulfur Mustard	733,736
Picking, Wendy Lynn	NIH NATL INST OF ALLERGY AND INFECTIOUS	A prophylactic vaccine to prevent colonization by <i>Pseudomonas aeruginosa</i> (R01AI169781)	772,498
Picking, Wendy Lynn	NIH NATL INST OF ALLERGY AND INFECTIOUS	An intranasal room stable vaccine formulation to prevent <i>Pseudomonas aeruginosa</i>	229,665

Picking, Wendy Lynn	NIH NATL INST OF ALLERGY AND INFECTIOUS	Resources and Workforce Development for Research on NIH/NIAID High Priority Pathogens at the University of Missouri Regional Biocontainment Laboratory	2,595,464
Picking, Wendy Lynn	NIH NATL INST OF ALLERGY AND INFECTIOUS	Targeting T3SA proteins as protective antigens against Yersinia	194,495
Picking, Wendy Lynn	UNIV OF MD	Adjuvant development of the TLR4 ligand - BECC470s	444,434
Picking, William Daniel	NIH NATL INST OF ALLERGY AND INFECTIOUS	Characterization of assembly and activation of the Shigella type III secretion injectisome	616,769
Rachagani, Satyanarayana	NIH NATL CANCER INST	Targeting tumor and its microenvironment using nanotherapeutics for pancreatic cancer	355,739
Raghavan, Ram Kumar	DEPT OF DEFENSE	Protection of Military Working Dogs from Kissing Bugs using Pyrethroid Impregnated Barriers for the Prevention of Chagas Disease	136,506
Raghavan, Ram Kumar	MO DEPT OF CONS	Coronavirus Survey of Missouri Bats	58,123
Raghavan, Ram Kumar	ST LOUIS UNIVERSITY	Geospatial Epidemiology and Ecology of Tick-borne Diseases	162,939
Reinero, Carol Rose	RESBIOTIC NUTRITION INC	Effect of ResBiotic Probiotic in Healthy Dogs: A safety, tolerability, microbiota and immunologic investigation	18,000
Sieve, Aaron Capri	AMER COLLEGE OF VET OPHTHALMOLOGISTS	A microbiota investigation of ophthalmic trypan blue commonly used in canine cataract surgery	7,500
Singh, Kamlendra	EMORY UNIV	Ultrapotent Inhibitors of Wild-type and Multi-drug Resistant HIV	15,500
Skyberg, Jerod Alan	NIH NATL INST OF ALLERGY AND INFECTIOUS	B Cell/T Cell Interactions in Brucellosis	383,747
Skyberg, Jerod Alan	NIH NATL INST OF ALLERGY AND INFECTIOUS	Interferons in Neurobrucellosis	233,055
Tharp, Darla L	CARDIAC RSK3 INHIBITORS LLC	PBD Efficacy Study	246,516
	EDGEWISE THERAPEUTICS	Edgewise Therapeutics: Clinical Relevancy of Compound A on Large Animal HCM	144,678
Zhang, Shuping	CO STATE UNIV	American Rescue Plan NAHLN Subaward	1,000,000
Zhang, Shuping	DEPT OF AG	Development of an Antimicrobial Resistance Dashboard to Integrate Antimicrobial Susceptibility Testing Data Generated by Missouri Veterinary Medical Diagnostic Laboratory	212,384
Zhang, Shuping	DEPT OF AG	MO-C 2024 NAHLN Infrastructure	106,300
Zhang, Shuping	FOOD AND DRUG ADMN	FDA Vet-LIRN Site Application - Tier I Lab Renewal	39,900
Zhang, Shuping	NATL INST OF FOOD AND AG	NAHLN Level 1 Lab - Maintaining and Further Improving Capacity and Capabilities	250,000