

FY2022

Adkins,Pamela, DEPT OF AG

Partnership: Defining And Managing Staphylococcus Chromogenes Intramammary Infections In Primiparous Dairy Cows

6/1/2022-5/31/2027, \$790,000

Adkins,Pamela, PRAECISDX LIMITED

Sample preparation from early lactation dairy cows

11/15/2021- 11/14/2022, \$485.50

Amos Landgraf,James and Franklin,Craig, NIH OFFICE OF THE DIRECTOR

Mutant Mouse Resource and Research Center

03/01/2022- 02/28/2023, \$1,491,163

Anderson,Paul, MRI GLOBAL

Animal Studies in Support Evaluation of SARS-CoV-2 Oral Transmission Risk

12/10/2021-1/31/2022, \$32,447

Anderson, Paul, NIH NATL INST OF ALLERGY AND INFECTIOUS

Improvements to the Regional Biocontainment Research Facilities at the University of Missouri

9/23/2021-2/28/2023, \$3,327,268

Balne,Praveen, NIH NATL EYE INST

Hydrogen sulfide toxicity to the cornea

8/1/2021-7/31/2022, \$233,620

Bender,Shawn, NIH NATL HEART LUNG AND BLOOD INST

Mineralocorticoid receptor-dependent coronary vascular dysfunction in obesity

12/01/2021- 11/30/2022, \$494,433

Bowles,Douglas, NIH NATL HEART LUNG AND BLOOD INST

Cell-specific role and therapeutic potential of KCa3.1 in atherosclerosis

04/01/2022- 03/31/2023, \$552,734

Bryda,Elizabeth, NIH OFFICE OF THE DIRECTOR

Rat Resource and Research Center

02/01/2022-01/31/2023, \$1,157,403

Bryda,Elizabeth, NIH OFFICE OF THE DIRECTOR

Effect of Black Walnut Extract Supplementation in Zucker Rats

8/20/2021-1/31/2022, \$139,629

Bryda,Elizabeth, PARATECHS CORP

SBIR: An Innovative Device Integrating Cryopreservation, Storage, and Artificial Insemination of Mouse Sperm

08/01/2020- 07/31/2022, \$ 40,081

Clarke,Lane, CHRON'S AND COLITIS FNDD OF AMER
CFTR and Inflammatory Bowel Disease
07/01/2021- 06/30/2022, \$110,330

Coates,Joan, OH ST UNIV
SMART IACUC: A path to harmonized veterinary multi-site trial review
8/1/2021-7/31/2022, \$116,445

Chu,Shirley, EVERYCAT HEALTH FNDDTN
Whole Exome Sequencing to Identify Candidate Gene and Immunotherapy Treatment Options
in Feline Oral Squamous Cell Carcinoma
7/28/2021-6/27/2022, \$25,000

Dowler,Kourtney, AMER COLLEGE OF VET OPHTHALMOLOGISTS
Ophthalmic viscoelastics commonly used in cataract surgery: a microbiota investigation
02/01/2022- 01/31/2023, \$5,000

Du,Xiangwei and Evans,Timothy, FOOD AND DRUG ADMN
Enhancing food contaminant surveillance capacity using ultra-performance liquid
chromatography with UV/fluorescence detection
9/6/2021-8/31/2022, \$173,000

Evans,Timothy, PURDUE UNIV
See Us-Be Us: Inspiring future veterinarians using a Veterinary STEM Ecosystem
8/1/2020-7/31/2021, \$1,500

Evans,Timothy, PURDUE UNIV
See Us-Be Us: Inspiring future veterinarians using a Veterinary STEM Ecosystem
8/1/2021-7/31/2022, \$1,500

Franklin,Craig, BOEHRINGER INGELHEIM VETMEDICA INC
2022 Veterinary Research Scholars Program
01/01/2022- 12/31/2022, \$24,200

Franklin,Craig and Bryda,Elizabeth, NIH OFFICE OF THE DIRECTOR
Postdoctoral Training in Comparative Medicine
7/1/2021-6/30/2022, \$267,464

Franklin,Craig and Amos-Landgraf,James, NIH OFFICE OF THE DIRECTOR
Facilitation of Post-Acute Sequela to COVID Studies in Mouse Models
7/1/2021-2/28/2022, \$466,389

Franklin,Craig and Amos-Landgraf,James, NIH OFFICE OF THE DIRECTOR
Equipment to facilitate expansion of MMRRC services related to gut microbiota and infectious
diseases including SARS-CoV-2 and future infectious agents
8/1/2021-2/28/2022, \$ 467,993

Franz,Alexander, NIH NATL INST OF ALLERGY AND INFECTIOUS
How Do Arboviruses Escape the Mosquito Midgut?- Analysis of a Novel Mechanism
11/01/2021- 10/31/2022, \$382,698

Grisanti,Laurel, NIH NATL HEART LUNG AND BLOOD INST
Elucidating the Role of Death Receptor 5 in the Heart
8/1/2021-5/31/2022, \$383,826

Johnson,Gary, BROAD INST
Identification of genetic risk factors in degenerative myelopathy in German shepherd dogs
7/1/2021-6/30/2022, \$14,580

Johnson,Gary, AKC CANINE HEALTH FNDDTN
Clinical and Molecular Genetic Analysis of Juvenile-Onset Laryngeal Paralysis in American
Staffordshire Terriers
\$5,400

Karnia,James, AMER COLLEGE OF VETERINARY RADIOLOGY
Cardiac-gated thoracic computed tomographic angiography (CG-CTA) in the assessment of
pulmonary hypertension (PH) in dogs with respiratory disease
12/1/2021-12/31/2024, \$19,828

Kline II,David D, AMER HEART ASSN
Plasticity in GABA neurotransmission in the nucleus tractus solitarius after cardiovascular
deconditioning
7/1/2021-6/30/2023, \$69,446

Kline II,David D and Hasser, Eileen, NIH NHLBI
Plasticity of nTS output neurons in acute and chronic hypoxia
04/01/2022- 03/31/2023, \$651,730

Lyons,Leslie, EVERYCAT HEALTH FNDDTN
Precision Medicine Genomics for Cats (using the new cat reference genome) (continuation)
01/12/2022- 01/11/2023, \$34,945

Lorson,Christian, HOWARD HUGHES MEDN INST
James H. Gilliam, Jr. Fellowships for Advanced Study Science Education - Sara Ricardez
Hernandez
9/1/2021-8/31/2022, \$50,000

Lorson,Christian, NIH NATL INST OF NEUROLOGICAL DISORDER
Novel SMARD1 Mouse Models: Characterization and Evaluation of Potential Therapeutic
Targets
02/01/2022- 01/31/2023, \$347,706

Ma,Wenjun, UNIV OF NE LINCOLN
One Health Universal Swine Influenza Vaccines
7/1/2021-5/31/2024, \$31,253

Ma,Wenjun, ST JUDES CHILDRENS RESEARCH HOSP
Influenza pathogenicity testing in animal models
4/1/2021-3/31/2022, \$50,245

Ma,Wenjun, ST JUDES CHILDRENS RESEARCH HOSP
Influenza pathogenicity testing in animal models
4/1/2022-3/31/2023, \$74,041

Ma,Wenjun, NIH NATL INST OF ALLERGY AND INFECTIOUS
Biology and infection of bats with novel bat influenza viruses
01/01/2022- 12/31/2022, \$ 764,946

Ma,Wenjun, NIH NATL INST OF ALLERGY AND INFECTIOUS
Identification of Small Molecular Inhibitors of Rift Valley Fever Virus Replication
02/01/2021- 01/31/2022, \$ 31,766

Mohan,Rajiv, NIH NATL EYE INST
Novel approaches for corneal haze/fibrosis elimination
08/01/2021- 07/31/2022, \$755,916

Mohan,Rajiv, NIH NATL EYE INST
Turbo Eye Drops to Treat Ocular Toxicity and Blindness from Sulfur Mustard
07/01/2021- 06/30/2022, \$374,007

Mohan,Rajiv, MED COLLEGE OF WI
Subcontract: Role of S100 proteins in Diabetic Retinopathy
07/01/2021- 06/30/2022, \$59,317

Nichols,Nicole L and Lever,Teresa E, NIH NATL HEART LUNG AND BLOOD INST
Admin Supplement: Harnessing tongue exercise to enhance neuroplasticity and preserve upper
airway function in a novel model of hypoglossal motor neuron degeneration
7/9/2021-6/30/2022, \$43,241

Raghavan,Ram, MO DEPT OF CONS
Coronavirus Survey of Missouri Bats
7/1/2021-6/30/2022, \$74,040

Skyberg,Jerod, NIH NATL INST OF ALLERGY AND INFECTIOUS
B Cell/T Cell Interactions in Brucellosis
11/01/2021- 10/31/2022, \$ 384,048

Stich,Roger William and Keller,Stefan, FNDDN FOR FOOD AND AG RESEARCH
Anti-Tick Vaccine Development for Anaplasma Marginale
6/1/2021-5/31/2022, \$10,000

Zhang,Shuping, DEPT OF AG
NAHLN Level 1 Lab - Maintaining and Further Improving Capacity and Capabilities
8/1/2021-7/31/2022, \$ 250,000

Zhang, Shuping, DEPT OF AG
FY 21 NAHLN Infrastructure II Level 1 Designation
9/1/2021-8/31/2023, \$281,200

Zhang, Shuping, MO DEPT OF CONS
Development and Application of MEMS-Based Biosensor and RT-QuIC Assay for the Detection
of Chronic Wasting Disease Prion in Ante- and Post-Mortem Cervid Samples
07/01/2021- 06/30/2022, \$187,068

Zhang, Shuping, FOOD AND DRUG ADMN
FDA Vet-LIRN Site Application - Tier I Lab Renewal
06/01/2022- 05/31/2023, \$39,900