

FY2020

Adamovicz, Jeffrey, MBF THERAPEUTICS INC
In vivo study to evaluate T cell responses to SARS Antigens in Hamsters
7/1/2020-6/30/2021, \$28,202

Adkins, Pamela, UNIV OF VT
Bedding Strategies that Promote Udder Health and Milk Quality by Fostering a Beneficial Microbiome on Organic Dairy Farms
9/1/2019 - 8/31/2021, \$18,483

Anderson, Deborah, NIH NATL INST OF ALLERGY AND INFECTIOUS
Host Response and Immunity to Yersinia pestis Infection
5/8/2017 - 4/30/2021, \$365,705

Anderson, Paul, KREMENAK NANOTECH INC
Evaluation of high-touch surface coating to kill bacteria
4/1/2021-3/31/2023, \$22,551

Baines, Christopher, DEPT OF DEFENSE
Mitochondrial phenotype as a critical driver of non-small cell lung cancer cell proliferation, migration, and survival
3/1/2021-2/28/2022, \$155,000

Bender, Shawn B, NIH NATL HEART LUNG AND BLOOD INST
Mineralocorticoid receptor-dependent coronary vascular dysfunction in obesity
1/1/2018 - 11/30/2020, \$27,469

Bender, Shawn B, NIH NATL HEART LUNG AND BLOOD INST
Mineralocorticoid receptor-dependent coronary vascular dysfunction in obesity
1/1/2018 - 11/30/2020, \$521,902

Booth, Frank W, NIH NATL INST ON AGING
Gene-therapy-based rescue in rats selectively bred for low voluntary running distance phenotype
1/1/2019 - 11/30/2020, \$23,250

Booth, Frank W, NIH NATL INST ON AGING
Gene-therapy-based rescue in rats selectively bred for low voluntary running distance phenotype
1/1/2019 - 11/30/2020, \$209,250

Brown, Charles R, NIH NATL INST OF ARTHRITIS MUSCULOSKELET
Efferocytosis in Lyme Arthritis Resolution
2/14/2020 - 1/31/2021, \$187,092

Bryda, Elizabeth, NIH OFFICE OF THE DIRECTOR
Rat Resource and Research Center-Year 20
3/1/2020 - 2/28/2021, \$1,381,872

Bryda,Elizabeth, NIH OFFICE OF THE DIRECTOR
Development of Antisense Oligonucleotide Therapeutics for Alzheimer's Disease
3/1/2019 - 2/29/2020, \$222,726

Bryda,Elizabeth, NIH OFFICE OF THE DIRECTOR
Rat Resource and Research Center - Year 19
3/1/2019 - 2/29/2020, \$615,968

Bukoski,Alex, INNOVATIVE VETERINARY MEDICINE INC
N14A-T015 Anesthesia Ventilator for Atlantic Bottlenose Dolphins and California Sea Lion
3/7/2019 - 12/11/2020, \$13,172

Burling,Amanda, PETSMART CHARITIES
PetSmart Charities Scholarship and Student Research Stipends
11/20/2018 - 9/1/2019, \$10,000

Burling,Amanda, PETCO FDNTN
MU Shelter Medicine Partnership with Adair County Humane Society
5/16/2019 - 5/15/2020, \$50,000

Chaurasia,Shyam, NIH NATL EYE INS
Role of S100 proteins in Diabetic Retinopathy
9/30/2019 - 6/30/2021, \$504,123

Chaurasia,Shyam, NIH NATL EYE INS
Role of S100 proteins in Diabetic Retinopathy
9/30/2019 - 6/30/2020, \$504,123

Clarke,Lane L, CYSTIC FIBROSIS FNDDTN
Proton Receptors and Inflammation in the CF Intestine
5/1/2020 - 4/30/2021, \$140,000

Clarke,Lane L, WASHINGTON UNIV
Alterations in Immune Tolerance by Intestinal Goblet Cell Dysfunction
3/1/2020 - 2/28/2021, \$25,000

Clarke,Lane L, CYSTIC FIBROSIS FNDDTN
Frameshift CFTR Mutant Reporter Mice and MNPs for CRISPR/Cas9 Delivery
9/1/2019 - 8/31/2021, \$81,000

Cummings,Kevin, NIH NATL HEART LUNG AND BLOOD INST
Role of serotonin in cardiorespiratory homeostasis in sleep and during severe hypoxia
3/1/2018 - 2/28/2021, \$381,823

Dodam,John, CHARLOTTE ANIMAL REFERRAL & EMERGENCY
Neurology/Neurosurgery Residency collaborative arrangement between CARE and MU
6/26/2019 - 7/15/2022, \$210,000

Emter,Craig, REGENCOR INC
Ind-Enabling Epicardial Biopharmaceutical in the Diabetic Heart
11/1/2018 - 4/30/2021, \$1,599,000

Ericsson,Aaron C, NIH OFFICE OF THE DIRECTOR
The influence of complex gut microbiota on central nervous system development and adult cognition and behavior
12/1/2019 - 11/30/2020, \$11,625

Ericsson,Aaron C, NIH DIV OF PROG COORD,PLANNING & STRATE
Impact of Gut Microbiota and Segmented Filamentous Bacteria on Colitis-Associated Colorectal Cancer
2/1/2016 - 12/31/2020, \$11,493

Ericsson,Aaron C, NIH DIV OF PROG COORD, PLANNING & STRATE
Impact of Gut Microbiota and Segmented Filamentous Bacteria on Colitis-Associated Colorectal Cancer
2/1/2016 - 12/31/2020, \$103,427

Ericsson,Aaron C, NIH OFFICE OF THE DIRECTOR
The influence of complex gut microbiota on central nervous system development and adult cognition and behavior
12/1/2019 - 11/30/2020, \$104,625

Ericsson,Aaron C, ST LOUIS UNIVERSITY
Pilot Evaluation of the Skin Microbiome of Healthy Individuals and the Impact of Chlorhexidine Gluconate
9/1/2019 - 2/29/2020, \$6,480

Ericsson,Aaron C, NIH DIV OF PROG COORD, PLANNING & STRATE
Impact of Gut Microbiota and Segmented Filamentous Bacteria on Colitis-Associated Colorectal Cancer
2/1/2016 - 12/31/2019, \$114,920

Franklin,Craig, NIH OFFICE OF THE DIRECTOR
Postdoctoral Training in Comparative Medicine
7/1/2019 - 6/30/2020, \$218,249

Franz,Alexander, NIH NATL INST OF ALLERGY AND INFECTIOUS
How Do Arboviruses Escape the Mosquito Midgut?- Analysis of a Novel Mechanism
11/3/2017 - 10/31/2020, \$382,974

Fuchs,Allison, AMER COLLEGE OF VET OPHTHALMOLOGISTS
A novel bi-modal topical ophthalmic drop to treat corneal fibrosis
2/1/2020 - 1/31/2021, \$5,000

Flesner,Brian, 4PAWS DX
4Paws Dx Liquid Biopsies in Normal and Tumor-bearing Dogs
2/1/2020 - 1/1/2021, \$84,495

Franklin,Craig, NIH OFFICE OF THE DIRECTOR
The Mutant Mouse Resource and Research Center at the University of Missouri
3/1/2020 - 2/28/2021, \$1,259,147

Franklin,Craig, BOEHRINGERINGELHEIM VETMEDICAING
2020 Veterinary Research Scholars Program
1/1/2020 -12/31/2020, \$15,000

Franz,Alexander W E, CO ST UNIV
Engineering Resistance to Zika Virus in Aedes aegypti for Cas9 Driven Population Modification
4/15/2018 - 3/31/2021, \$245,018

Grisanti,Laurel, AMER HEART ASSN
Beta-Adrenergic Receptor Regulation of Inflammation in the Damaged Heart
9/1/2017 - 12/31/2019, \$77,000

Hasser,Eileen, NIH NATL HEART LUNG AND BLOOD INST
Plasticity of nTS output neurons in acute and chronic hypoxia
4/1/2020 - 3/31/2021, \$417,484

Hasser,Eileen, NIH NATL HEART LUNG AND BLOOD INST
Central Circuit Plasticity in Cardiovascular Deconditioning
2/6/2017 - 1/31/2021, \$471,092

Johnson,Gary, 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
4/1/2020 - 3/31/2021, \$108,000

Johnson,Gary, AKC CANINE HEALTH FNDTN
Searching for the Cause for Alopecia X by Whole Genome Sequencing
10/1/2019 - 9/30/2020, \$10,000

Johnson,Gary, AKC CANINE HEALTH FNDTN
Searching for a Genetic Risk Factor for Idiopathic Chylothorax in Afghan Hounds
2/1/2020 - 1/31/2021, \$15,000

Kline II,David D, NIH NATL HEART LUNG AND BLOOD INST
Neurophysiology and plasticity of cardiorespiratory circuits to hypoxia
3/1/2019 - 2/28/2021, \$377,551

Kline II,David D, NIH NATL HEART LUNG AND BLOOD INST
Plasticity of nTS output neurons in acute and chronic hypoxia
4/1/2020 - 3/31/2021, \$351,49

Lorson,Christian, SHIFT PHARMACEUTICALS
SBIR - Multi-dose pre-clinical studies in rat for E1-targeting antisense oligonucleotides
9/15/2019 - 8/31/2020, \$61,746

Lyons, Leslie A, WINN FELINE FNDDTN INC
Precision Medicine Genomics for Cats
2/19/2020 - 2/18/2022, \$35,000

Lyons, Leslie A, WINN FELINE FNDDTN INC
Seeking Genetic Markers Of Abyssinian/Somali Hereditary Amyloidosis
6/1/2016 - 5/31/2017, \$1,725

Maitz, Charles, MRI GLOBAL
Task Order: MRI Global (DARPA) Radiation Study
7/3/2019 - 4/5/2020, \$26,518

Middleton, John R, DELAVAL MFG
Teat canal closure measurements
6/1/2019 - 5/31/2022, \$13,679

Mohan, Rajiv, NIH NATL EYE INST
Novel approaches for corneal haze/fibrosis elimination
Novel approaches for corneal haze/fibrosis eliminatio, \$384,750

Nichols, Nicole, 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
7/1/2020 - 6/30/2021, \$140,000

Reinero, Carol, AKC CANINE HEALTH FNDDTN
Documenting the pathologic link between the lung and gut: Videofluoroscopic swallow study diagnosis of aerodigestive disorders in dogs
4/1/2020 - 3/31/2022, \$83,801

Reinero, Carol, WINN FELINE FNDDTN INC
Using probiotics to modulate the respiratory microbiome in feline allergic asthma
2/25/2020 - 2/24/2022, \$34,686

Rosenfeld, Cheryl S, NIH NATL INST OF ENV HEALTH
Endocrine Disrupting Chemicals, Epigenetic Alterations, and Autism-Like Behaviors in the Highly Social California Mouse Model
9/1/2016 - 8/31/2020, \$378,485

Singh, Kamendra, KAROLINSKA INSTITUTET
Antimicrobial substances and drug resistance
9/1/2019 - 5/31/2020, \$69,505

Skinner, Owen, AMER COLLEGE OF VET SURGEONS
Does Intra-Operative Glove Exchange Present a Risk of Bacterial Contamination during Clean Surgery?
3/1/2019 - 2/29/2020, \$12,175

Skyberg, Jerod, NIH NATL INST OF ALLERGY AND INFECTIOUS
Metabolic Control of Brucellosis
3/10/2020 - 2/28/2021, \$226,179

Skyberg, Jerod, NIH NATL INST OF ALLERGY AND INFECTIOUS
Dual Role for Innate Lymphoid Cells in Pathogenesis of Brucellosis
6/19/2020 - 5/31/2021, \$226,179

Walker, Kelsey, 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
7/1/2019 - 6/30/2020, \$9,285

Zhang, Shuping, DEPT OF AG
Enhancing Biological Safety Level-3 Laboratory Capacity for Early Detection and Diagnosis of
Foreign Animal Diseases
3/1/2020 - 2/28/2021, \$104,108

Zhang, Shuping, MO DEPT OF CON
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
1/1/2020 - 6/30/2021, \$212,011

Zhang, Shuping, FOOD AND DRUG ADMN
FDA Vet-LIRN Site Application - Tier I Lab Renewal Yr2
6/10/2020 - 5/31/2021, \$39,966

Zhang, Shuping, FOOD AND DRUG ADMN
FDA Vet-LIRN Site Application - Tier I Lab Renewal
6/15/2019-5/31/2020, \$39,900

Zhang, Shuping, DEPT OF AG
Maintaining and Further Improving NAHLN Level 1 Member Lab Capacity and Capabilities
9/1/2019 - 8/31/2020, \$300,000