

PAST RESEARCH FUND WINNERS

2024

AEMV Research Grant:

- Christoph Mans, DVM, DACZM, DECZM (ZHM)
 - Safety and efficacy of maropitant in chinchillas

Drury Reavill Research Grant:

- Grayson Doss, DVM DACZM
 - Investigating the etiopathogenesis of wobbly hedgehog syndrome with bulk RNA sequencing

2023

AEMV Research Grant:

- Grayson Doss, DVM DACZM
 - Safety and pharmacokinetics of subcutaneous robenacoxib in guinea pigs (*Cavia porcellus*)
- Inga-Catalina Cruz Benedetti [Presenting at 2024 Conference](#)
 - Pharmacokinetics of bupivacaine 0.25% and 0.5% after ultrasound-guided transverse abdominal plane block in rabbits undergoing ovariohysterectomy

2022

AEMV Research Grant:

- Trinita Barboza, DVM, DVSc
 - The effects of pre-heparinization or addition of amikacin to ethylenediaminetetraacetic acid anticoagulated rabbit blood undergoing complete blood count evaluation

2021

AEMV Research Grant:

- Sarah Ozawa, DVM, DACZM
 - Pharmacokinetics of pimobendan and O-desmethyl-pimobendan in ferrets (*Mustela putorius furo*)

Drury Reavill Research Grant:

- Rae L. Russell, MS, PhD
 - Investigating a potential role for canine distemper virus as a cause of demyelinating disease in African pygmy hedgehogs

2020

AEMV Research Grants:

- Tara Harrison, DVM, MPVM, DACZM, DACVPM
 - Pharmacokinetics of high dose buprenorphine and efficacy of its use in multi-modal post-surgical
- Christoph Mans, Dr. med. vet., DACZM, DECZM (ZHM)
 - Effect of capromorelin (Entyce®) on food intake in chinchillas with experimentally-induced hyporexia

2019

Benjamin & Bella Grant:

- Joao Brandao, LMV, MS, Dipl. ECZM & Nicola Di Girolamo, DMV, MSc, PhD, Dipl. ECZM
 - Clinical Effect of Prokinetics and Analgesics on Gastrointestinal Motility in Rabbits AEMV

Research Grants:

- Nicola Di Girolamo, DMV, MSc, PhD, Dipl. ECZM & Joao Brandao, LMV, MS, Dipl. ECZM
 - Investigation of the Genetic Basis of Cystine Urolithiasis in Pet Ferrets
- Christoph Mans, Dr. med. vet., Dipl. ACZM
 - Effect of Cisapride on Fecal Output in chinchillas with Experimentally-Induced Gastrointestinal Hypomotility

2018

Benjamin & Bella Grant:

- No recipient in 2018

AEMV Research Grant:

- Grayson Doss, DVM & Christoph Mans, Dr. med. vet., Dipl. ACZM
 - Development of Safe and Effective Injectable Sedation Protocols in African Pygmy Hedgehogs (*Atelerix albiventris*)

2017

Benjamin & Bella Grant:

- Jennifer Graham, DVM, Dipl. ABVP (Avian/Exotic Companion Mammal), Dipl. ACZM & Claire Fellman, DVM, PhD, DACVIM, DACVCP
 - Characterization of CD8+ and CD4+ T Cell, Interferon Gamma, and Transforming Growth Factor Beta Responses in Rabbits with suspected Encephalitozoon cuniculi

AEMV Research Grants:

- Grayson Doss, DVM & Christoph Mans, Dr. med. vet., Dipl. ACZM

- o Pain Management in African Pygmy Hedgehogs (*Atelerix albiventris*): Assessment of the Analgesic Efficacy of Injectable Buprenorphine Hydrochloride
- David Eshar, DVM, Dipl. ABVP (Exotic Companion Mammals), Dipl. ECZM (Small Mammal), Justin Thomason, DVM, DACVIM (Cardiology) & Jessica Meekins, DVM, MS, DACVO
 - o Comparison of dexmedetomidine-ketamine with isoflurane for anesthesia of black-tailed prairie dogs (*Cynomys ludovicianus*)

2016

- Dr. Anna Milena Thole, DVM
 - o Acid-Base-Balance Status and Blood Gas Analysis in Rabbits with Gastric Stasis and Gastric Dilation

2015

- Dr. Joanne Paul-Murphy, DVM, PhD, DACZM (University of California Davis)
 - o Evaluation of Deslorelin Implants on Fibroadenoma Recurrence in Rats (*Rattus norvegicus*)

2014

- Dr. Christoph Mans, Dr. med. vet., Clinical Assistant Professor in Zoological Medicine, School of Veterinary Medicine, Madison, WI
 - o Safety and Efficacy of Tramadol in Chinchillas, to evaluate the analgesic efficacy of subcutaneous (SC) and oral (PO) tramadol in chinchillas.

2013

- Drs. Joanne Paul-Murphy, Miranda Sadar, and Heather Knych (University of California Davis)
 - o Pharmacokinetics of buprenorphine in guinea pigs (*Cavia porcellus*): Intravenous, intramuscular, and oral transmucosal administration

2012

- Dr. Nico Schoemaker (Utrecht University, The Netherlands)
 - o The characterization and functional analysis of two ferret insulinoma cell lines

2011

- Dr. Sathya Chinnadurai (North Carolina State University, College of Veterinary Medicine)
 - o Sex Differences in Meloxicam Pharmacokinetics in Ferrets after Single Subcutaneous and Oral Administration