

## PAST RESEARCH FUND WINNERS

### 2023

#### AEMV Research Grant:

- Grayson Doss, DVM DACZM
  - Safety and pharmacokinetics of subcutaneous robenacoxib in guinea pigs (*Cavia porcellus*)
- Inga-Catalina Cruz Benedetti
  - 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)

- o 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
  - o 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
  - o Investigation of the Genetic Basis of Cystine Urolithiasis in Pet Ferrets
- Christoph Mans, Dr. med. vet., Dipl. ACZM
  - o 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
  - o 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
  - o 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