



# WINN FELINE FOUNDATION

For the Health and Well-being of All Cats

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637 Wyckoff Ave., Suite 336, Wyckoff, NJ 07481 • [www.winnfelinefoundation.org](http://www.winnfelinefoundation.org)  
Toll Free 888-9MEOWIN (888-963-6946) • Local Phone 201-275-0624 • Fax 877-933-0939

## Winn Feline Foundation's March 2020 Grant Awards Summary

### Winn Grants

**W20-002** Mechanism of action of doxycycline in inhibiting feline infectious peritonitis virus.

PI: Gary R. Whittaker, PhD; Cornell University; \$25,000.00 (**Bria Fund**)

**W20-003** Developing a safe and effective anticoronaviral therapy for client-owned cats with FIP (continuation study).

PIs: Dr. Brian Murphy, Niels C. Pedersen; University of California, Davis; \$21,500.00 (**Bria Fund**)

**W20-005** – Determining the clinical efficacy of mefloquine for treatment of naturally occurring feline infectious peritonitis, stage 1.

PIs: Jacqueline Norris, Merran Govendir, Dr. Benjamin Kimble; University of Sydney; \$20,500.00 (**Bria Fund**)

**W20-007** Transcriptomic analysis of CRISPR-Cas9 edited iPSC-CMs to identify and therapeutically target key biological pathways in hypertrophic cardiomyopathy caused by the Ragdoll R820W mutation.

PIs: David J Connolly, Dr. Luke Dutton; The Royal Veterinary College; \$11,542.09 (**Ricky and General Fund**)

**W20-009** Investigating cell molecular biological influence of PTC-209, a novel anti-cancer stem cell drug, in cats with oral squamous cell carcinomas lines.

PI: Hiroto Yoshikawa; North Carolina State University; \$25,000.00 (**Oncology and General Fund**)

**W20-016** Evaluation of oxidative stress in nonazotemic cats with increased symmetric dimethylarginine concentrations.

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The Winn Feline Foundation is a non-profit organization [501(c)(3)] established by The Cat Fancier's Association.  
Member Combined Federal Campaign #10321



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PIs: William Whitehouse, DVM, DACVIM (SAIM), Nicolette Cassel, BSc, BVSc, MMedVet, DECVDI; Kansas State University; \$19,426.00 (**Feline Kidney Fund, in honor of Vicki Thayer, DVM, DABVP – Feline**)

**W20-019** Phase 1 clinical trial investigating burst wave lithotripsy for treatment of obstructing ureteroliths in cats.

PIs: Eva Furrow, Jody Lulich; University of Minnesota; \$23,405.00 (**Feline Urinary Fund, Feline Kidney Fund in honor of Vicki Thayer, DVM, DACVP - Feline**)

**W20-020** In Vitro Characterization of Small Molecule Inhibitors of Pancreatic Amyloidosis for Diabetic Cats.

PI: Jessica Fortin; Michigan State University; \$24,365.00 (**General Fund**)

**W20-021** The effect of feeding frequency on feline energy metabolism and body composition – a long term study.

PIs: Adronie Verbrugghe, Anna Kate Shoveller; Ontario Veterinary College, University of Guelph; \$24,946.00 (**General Fund**)

**W20-029** Probing Modulation of FeLV Integration Sites into the Cat Genome Using Epigenetic Modulators.

PIs: Dr. Cheryl Swenson Kruger, Dr. Vilma Yuzbasiyan-Gurkan; Michigan State University; \$25,000.00 (**Infectious Disease and General Fund**)

**W20-031** Identification of *Microsporum canis* virulence factors.

PI: Sue VandeWoude; Colorado State University; \$21,366.00 (**General Fund**)

**W20-032** Development of a Rapid Diagnostic Test for *Microsporum canis*.

PI: Sue VandeWoude; Colorado State University; \$14,062.00 (**General Fund**)

**W20-039** Effects of general anaesthesia and surgery on renal biomarkers in cats.

PI: Dr. Kavitha Kongara, BVSc (Cert. ECFVG-AVMA), MVSc, PhD; Massey University; \$20,700.00 (**Feline Kidney Fund in honor of Vicki Thayer, DVM, DACVP - Feline**)

**W20-040** The effect of an intravenous injection of branched chain amino acids on body temperature of cats undergoing general anesthesia.

PI: Stuart Clark-Price; Auburn University; \$7,665.00 (**General Fund**)

**W20-044** Development and Initial Validation of a Frailty Scale for domestic cats.

PIs: Tony Buffington, Melissa J. Bain; University of California, Davis; \$20,000.00 (**General Fund**)

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