



Winn Feline Foundation 2020 Projects for Sponsorship

W20-005 - Determining the clinical efficacy of mefloquine for treatment of naturally occurring feline infectious peritonitis, stage 1. Principal Investigators: Jacqueline Norris, Merran Govendir, Dr. Benjamin Kimble, University of Sydney; \$20,500 (*Bria Fund*)

Mefloquine, a common and available anti-malarial drug, inhibits replication of feline infectious peritonitis (FIP) virus, a fatal coronavirus infection of cats, in laboratory tests. An earlier study found mefloquine to be well absorbed and safe to use. This study will evaluate the effectiveness of this drug in cats with naturally occurring FIP.

W20-032 - Development of a Rapid Diagnostic Test for *Microsporium canis*. Principal Investigator: Sue VandeWoude, Colorado State University. \$14,062

Ringworm, a common fungal infection of cats and people, can take up to two weeks to diagnose with current methods. This study evaluates a rapid, chair-side test that allows immediate diagnosis and treatment. Development of this testing capability holds great promise for significant improvements in ringworm management for individual cats as well as shelter and multi-cat environments.

W20-039 - Effects of general anaesthesia and surgery on renal biomarkers in cats. Principal Investigator: Dr. Kavitha Kongara, BVSc (Cert. ECFVG-AVMA), MVSc, PhD, Massey University. \$20,700 (*Feline Kidney Fund in honor of Vicki Thayer, DVM, DABVP (Feline)*)

By using traditional and newer novel urinary biomarker tests, this study evaluates the effect of anesthesia on kidney function in cats, and whether giving fluids during anesthesia minimizes this effect.

W20-044 - Development and Initial Validation of a Frailty Scale for domestic cats. Principal Investigators: Tony Buffington, Melissa J. Bain, University of California, Davis. \$20,000

People and pets can get frail as they age leading to injury, confusion, and earlier death. This study evaluates frailty in cats so it can be measured (Frailty Scale) and identified sooner so better prevention and care can be instituted earlier.