



WINN FELINE FOUNDATION

For the Health and Well-being of All Cats

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DEVELOPING A SAFE AND EFFECTIVE ANTICORONAL VIRAL THERAPY IN CATS

PROJECT STUDY: Developing a safe and effective anticoronaviral therapy in cats with FIP (continuation)

Principal Investigators: Brian Murphy, PhD, Niels Pedersen, DVM, PhD; University of California-Davis

Interim report summary, W19-026

Feline infectious peritonitis (FIP) is a common and generally lethal disease of domestic cats. Over the past 5 years, and with the invaluable assistance of funds provided by the Winn Feline Foundation Bria Fund, this research group at University California Davis has conclusively demonstrated that naturally acquired FIP is a curable disease. Through multiple collaborations, they have obtained and tested a set of 106 antiviral agents and have determined that 25 of these compounds inhibit FIPV replication. Based on results of human studies, they believe that a combined anticoronaviral therapy (CACT) approach, simultaneously targeting multiple steps of the FIPV life cycle, will be most effective in treating cats with all forms of FIP disease, including inflammation of the brain and eye. The results of their initial studies, although not immediately yielding a marketable drug for cats, lead them to conclude that that **FIP is in fact a curable disease.**

Summary prepared for Winn Feline Foundation © January 2020

Publication is pending.

Presentations:

Treatment options of FIP- Facts vs. Myths

Round table discussion, 2019 WINN Feline Foundation FIP Symposium, UC Davis, November 16, 2019

Feline Infectious Peritonitis: has the sneaky coronavirus (finally) met its match?

Midwestern University, Glendale AZ, Dec 5, 2019

Antiviral treatment options for cat with FIP: an update

Presentation for SOCK FIP, UC Davis, Dec 19, 2019

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