

# 39th Annual Winn Feline Foundation Symposium on Feline Health

## ENDING FIP – IS THERE HOPE?

Thursday, June 29, 2017, 4:00-6:30pm

The Fairmont Chicago

200 N. Columbus Avenue, Chicago, IL 60601



### Current Prospects for Prevention and Treatment of Feline Infectious Peritonitis

Presented by: Niels C. Pedersen, DVM, PhD, Distinguished Professor Emeritus, University of California-Davis

FIP has remained a major problem of cats for over five decades. We now understand where and how the virus that causes FIP mutates from the ubiquitous and otherwise innocuous feline coronavirus (FECV). However, we are only just beginning to untangle the complex virus, host and environmental factors that have the most effect on FIP incidence and how this knowledge can be applied to both disease prevention and cure.

Investigations on methods to prevent and cure FIP are in progress using specific classes of drugs. The most intriguing intervention to prevent disease may involve inhibition of a specific cytokine called tumor necrosis factor alpha (TNF-alpha). Studies are proceeding with one common TNF-alpha inhibitor to see if it can stimulate protective rather than disease enhancing immunity. We have also completed both laboratory and field-testing of the first compound to inhibit FIPV replication. This drug, developed by our collaborators at Kansas State University and Wichita State University, belongs to a class known as protease inhibitors. These two approaches for FIP prevention using TNF-alpha inhibitors and cure using a feline coronavirus specific protease inhibitor will be presented.

Results from studies in our laboratory and elsewhere indicate that we have entered a new era in FIP preventions and treatment.

### Question and Answer Discussion to Follow

#### More Information:

**Registration Fee (includes light snacks) - \$35. Reservations are required and due by June 22, 2017 for CFA and June 26, 2017 for Winn website registrations. For more information, call 201.275.0624 or contact [info@winnfelinefoundation.org](mailto:info@winnfelinefoundation.org).**

*Proceeds will benefit worldwide feline medical research.*

**Information and the registration form are available on our website**

**[www.winnfelinefoundation.org/education/winn-symposium](http://www.winnfelinefoundation.org/education/winn-symposium)**



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