

38th Annual Winn Feline Foundation Symposium on Feline Health “CAT TALES” of Genetics and Behavior

Thursday, June 30, 2016, 4:00 - 6:30 pm
Red Rock Casino, Resort & Spa
11011 W. Charleston, Las Vegas, NV 89135



Genetics and Precision Medicine: State of the Art Health Care for Cats!

Presented by: Leslie Lyons, PhD; Gilbreath-McLorn Endowed Professor of Comparative Medicine; University of Missouri, College of Veterinary Medicine

Dr. Lyons will present a review of her work, then lead into a description of “Precision Medicine”, which is now available for humans, and its role in the future of feline medicine. A growing proportion of the general public understands that an individual’s good genetic make-up can be squandered by poor lifestyle and bad habits, the same is true for our cat companions. Gene-specific DNA-based tests for inherited diseases have been available for veterinary health care in cats for over 25 years. Now over 40 genes with nearly 70 DNA variants have been documented to cause phenotypic, disease or blood type variations. More recently, the entire genomes of dozens of cats have been sequenced, rapidly gleaning the genetic information that is controlling health and what an animal looks like. In the coming years, veterinarians will be performing whole genome screens of some kind as a routine component of a disease diagnosis. Whether for tumors or other diseases, the DNA results will routinely direct future therapies.

Feline Compulsive Disorders

Presented by: Nicholas Dodman, BVMS, MRCVS, DVA, DACVA, DACVB; Tufts University, School of Veterinary Medicine

Dr. Dodman will provide information on the common presentation of three compulsive behaviors in cats - wool sucking/pica, psychogenic alopecia and feline hyperesthesia syndrome. He will address the cause and treatment of each disorder, including genetic foundations, environmental pressures that trigger them, and environmental and pharmacologic therapies that have been shown to reduce, or in some cases practically eliminate their expression. Outlining a phenotypic study of wool sucking funded by Winn, he will list potential causes and preventive measures that can be taken to reduce the occurrence of this troubling and occasionally lethal condition. Also, he will discuss findings of a Winn-funded study to locate atypical genomic regions in Birman cats affected with this condition.

Question and Answer Discussion to Follow Final Session

More Information:

Registration Fee (includes light snacks) - \$30. Reservations are required and due by June 23, 2016 for CFA and June 27, 2016 for Winn website registrations. For more information, call 201.275.0624 or contact info@winnfelinefoundation.org.

Proceeds will benefit worldwide feline medical research.



**Information and the registration form are available on our website
www.winnfelinefoundation.org**

This program 334-25356 is approved by the AAVSB RACE to offer a total of 2 CE credits, with a maximum of 2 CE credits being available to any individual veterinarian or veterinary technician/technologist. This RACE approval is for the subject matter category(s) of: Category One: Scientific using the delivery method(s) of Seminar/Lecture. This approval is valid in jurisdictions which recognize AAVSB RACE; however participants are responsible for ascertaining each board’s CE requirements.