



NERCE WORKSHOPS

NERCE is pleased to offer a series of scientific workshops on topics relevant to research on NIAID priority pathogens. Several workshops including live-cell imaging and small-molecule screening, will present key concepts related to the scientific resources available through the NERCE Core Laboratories and, also will demonstrate the utility of these resources to priority pathogen research.

Workshops will be open to all investigators in the New England region at no cost.

The first workshop, **Pathology of Infectious Diseases in Nonhuman Primates**, will be held in conjunction with the Primate Pathology Workshop meeting at the Hyatt Harborside on October 27th and 28th, 2009.

General description

Nonhuman primates are critical to a number of research programs on priority pathogens and are used extensively in experimental systems to investigate aspects of disease pathogenesis, prevention, and treatment. Unfortunately, infectious diseases have proven difficult to eliminate from primate colonies, and various primate pathogens pose a continuing threat to animal and colony health. Moreover, despite significant advances in the diagnosis of infectious diseases, unrecognized or adventitious agents are common in nonhuman primates and have the potential to confound experimental work. For these reasons, it is essential to define the full complement of microbial agents present within a population of nonhuman primates through implementation of a disease and pathogen surveillance program. The veterinary pathologist plays a key role in integrating and interpreting this data and must be familiar with the full spectrum of infectious diseases present within nonhuman primate populations.

Goals

The goal of this workshop is to provide information on nonhuman primate models of biodefense and emerging infectious diseases as well as survey adventitious agents that may impact such work. Upon completion of the workshop, participants will be familiar with the etiology, pathogenesis, microscopic morphology, and diagnosis of common primate infectious diseases.

Target audience

This workshop is designed for scientists and veterinarians who utilize nonhuman primates in infectious disease research and who must interpret alterations in tissue morphology. The audience is expected to include students, post-doctoral fellows, and faculty members. In addition, material covered will benefit those individuals seeking board certification through the American College of Laboratory Animal Medicine and American College of Veterinary Pathology.

Workshop structure

This workshop will focus on the pathology of naturally occurring and experimentally induced infectious diseases in a variety of nonhuman primate species and consist of lectures by course faculty and short case presentations by participants. Slide presentations will provide participants the opportunity to submit slides from interesting primate infectious disease cases and receive feedback from the workshop faculty. Study sets will be developed from these cases and distributed to attendees.

Workshop Coordinators

The workshop will be led by Dr. Keith Mansfield, DVM, dACVP an Associate Professor of Pathology at Harvard Medical School and Director of the Primate Animal Biolevel 3 facility at the New England Primate Research Center (NEPRC). He will be assisted by Dr. Susan Westmoreland, VMD, dACVP and Andrew Miller DVM, dACVP in the Division of Comparative Pathology at the New England Primate Research Center.

Prior registration is required and additional information and registration forms may be found at
<http://nhp2009.hms.harvard.edu/index.php?page=pathworkshop>