

STP Midwest Regional Symposium

September 14, 2016

"Preclinical Safety Evaluation of the Ocular System and Clinical Implications"

Covance Laboratories, Inc.
3301 Kinsman Blvd, Madison, WI

You are invited to join your colleagues for a day-long STP Regional Symposium entitled "*Preclinical Safety Evaluation of the Ocular System and Clinical Implications*" to be held on September 14, 2016 at Covance Laboratories, Inc., in Madison, WI. There is no fee to attend, however, registration is required and we encourage you to register early as space is limited.

The presentation by Dr. T. Michael Nork will also be available as a webinar. See below for registration details. There is no deadline to register for the webinar.

Coffee and a boxed lunch will be provided to attendees.

Thank you to AbbVie and Covance for their generous contributions towards this event.

AGENDA

(Times are Central Daylight Time, UTC-5)

7:30 AM – 8:30 AM	Registration and Breakfast
8:30 AM – 9:30 AM	Microscopic Anatomy of the Eye in Common Laboratory Species, Ocular Fixation, Immunohistochemistry, and Common Routes of Test Article Administration; Speaker: Steve Sorden, DVM, PhD, Diplomate ACVP
9:30 AM – 10:30 AM	OCT and Multimodal Retinal Imaging in Toxicology and Animal Models; Speaker: T. Michael Nork, MD (<i>Also presented as a webinar. Registration for the webinar is also required.</i>)
10:30 AM – 10:50 AM	Break
10:50 AM – 11:50 AM	Spontaneous and Test Article-Related Ocular Lesions; Speaker: Ken Schafer, DVM, PhD, Diplomate ACVP
11:50 AM – 1:00 PM	Lunch
1:00 PM – 2:00 PM	Ocular Electrodiagnostic Procedures in Non-clinical Studies; Speaker: James N. Ver Hoeve, MS, PhD
2:00 PM – 2:10 PM	Break
2:10 PM – 3:10 PM	Preclinical Evaluation of Gene Therapies for Ophthalmic Indications; Speaker: Brian Christian, PhD

Webinar Details:

Title: OCT and Multimodal Retinal Imaging in Toxicology and Animal Models

Speaker: T. Michael Nork, MD

Description: John Dowling, PhD wrote a book entitled "The Retina: An Approachable Part of the Brain." One of the great advantages eye research has over studying other organs is that much of the important pathology can be visualized in the living patient or animal. The purpose of this presentation is to review the traditional ways of examining the eye and how they relate to and compliment some of the newer and radically different means of retinal examination. These methods include traditional fundus photography and fluorescein angiography, scanning laser ophthalmoscopy, fundus autofluorescence imaging, high-resolution optical coherence tomography, and adaptive optics. We will also discuss how these imaging modalities interact with and compliment clinical examination, functional (electrophysiologic) testing and histopathology. Particular emphasis will be given to animal models and toxicology as it relates to drug development.