Society of Toxicologic Pathology Regional Meeting

Juvenile Toxicology: Relevance and Challenges for Toxicologists and Pathologists

March 13, 2015; 9:00 am – 4:15 pm ET

Hosted By
National Institute of Environmental Health Sciences / National Toxicology Program

111 T.W. Alexander Drive
Research Triangle Park, NC 27709, USA
NIEHS Main Campus, Rall Building, Rodbell Auditorium

The STP Education Committee and the STP Reproductive Pathology Special Interest Group invite all Society members to participate in a one-day regional meeting, hosted by the National Institute of Environmental Health Sciences and the National Toxicology Program, Research Triangle Park, NC, on juvenile toxicology and its relevance and challenges to toxicologists and pathologists. This meeting will include presentations from clinical pediatric medicine, a regulatory agency representative, toxicologists, and pathologists involved in the various aspects of juvenile toxicology.

Agenda

9:00am – 9:10am   Welcome Remarks
John Bucher, PhD, DABT
Director, Division of the National Toxicology Program
Associate Director, National Toxicology Program
Research Triangle Park, NC

9:10am – 9:15am   Symposium Introduction
Tom Steinbach, DVM, DACVP, DABT
Director, North Carolina Laboratory
Experimental Pathology Laboratories, Inc.
Research Triangle Park, NC

Morning Session: Clinical, Regulatory, and Toxicology Perspectives

Session Chair: Tom Steinbach, DVM, DACVP, DABT
Director, North Carolina Laboratory
Experimental Pathology Laboratories, Inc.
Research Triangle Park, NC
9:15am – 9:50am  Clinical Relevance of Juvenile Toxicity Studies  
David Peden, MD, MS  
Pediatrics Director, Center for Environmental Medicine, Asthma & Lung Biology  
University of North Carolina at Chapel Hill School of Medicine  
Chapel Hill, NC

9:50am – 10:25am  Regulatory Perspective on Juvenile Toxicity Studies  
Ikram Elayan, Ph.D.  
Senior Pharmacology/Toxicology Reviewer  
Division of Psychiatry Products, Office of New Drugs, Center for Drug Evaluation and Research (CDER)  
U.S. Food and Drug Administration  
Silver Spring, MD

10:25am – 10:45am  Coffee Break  
Sponsored by WIL Research

10:45am – 11:20am  Design of Juvenile Toxicity Studies  
Robert Parker, MS, PhD, DABT  
Director, Development and Reproductive Toxicology  
Huntingdon Life Sciences, Princeton Research Center, NJ

11:20am – 11:55am  Special Considerations in Juvenile Toxicity Studies: Biopharmaceutical Drug Development and Species Considerations  
LaRonda Morford, PhD  
Director, Juvenile Toxicology  
WIL Research, Ashland, OH

11:55am – 1:15pm  Lunch  
(NIEHS Café, On Your Own)

Afternoon Session: Pathology Perspectives

Session Chair: Darlene Dixon, DVM, PhD, DACVP  
Head, Molecular Pathogenesis Group  
National Toxicology Program Laboratory (NTPL), Division of the NTP National Institute of Environmental Health Sciences  
Research Triangle Park, NC

1:15pm – 1:50pm  Challenges for Pathologists in Juvenile Toxicity Studies  
George Parker, DVM, PhD, DACVP, DABT  
Vice President, Global Pathology
1:50pm – 2:25pm  Juvenile Histology Atlas: A Review of Postnatal Development in Rats  Catherine Picut, VMD, JD, DACVP, DABT  Senior Pathologist  WIL Research, Hillsborough, NC

2:25pm – 3:00pm  Toxicopathology Issues Regarding Juvenile Renal Studies  John Seely, DVM, DACVP  Senior Pathologist  Experimental Pathology Laboratories, Inc., Research Triangle Park, NC

3:00pm – 3:20pm  Coffee Break  Sponsored by Experimental Pathology Laboratories, Inc.

3:20pm – 3:55pm  Juvenile Histology of Non-Human Primates  J. Mark Cline, DVM, PhD, DACVP  Professor, Pathology-Comparative Medicine  Wake Forest University Primate Center, Wake Forest, NC

3:55pm – 4:15pm  Symposium Conclusions/Summary  Amera K. Remick, DVM, DACVP, DABT  Assistant Director, Pathology  WIL Research, Hillsborough, NC

Closing Remarks  Darlene Dixon, DVM, PhD, DACVP  Group Leader, Molecular Pathogenesis Group  National Toxicology Program Laboratory (NTPL), Division of the NTP  National Institute of Environmental Health Sciences, Research Triangle Park, NC