Society of Toxicologic Pathology Regional Meeting

Juvenile Toxicology: Relevance and Challenges for Toxicologists and Pathologists

March 13, 2015; 9:00am – 4:00pm 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, regulatory agencies, toxicologists, and pathologists involved in the various aspects of juvenile toxicology.

Agenda

Morning Session: Clinical, Regulatory, & Toxicology Perspectives

Session Chair: Tom Steinbach, DVM, DACVP, DABT
Director, North Carolina Laboratory Experimental Pathology Laboratories, Inc., Research Triangle Park, NC

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

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 TBD

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 (NTP) Laboratory, 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
WIL Research, Hillsborough, NC

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   Pathologic Changes Observed in Juvenile Rodents with Emphasis on the Kidney
John Seely, DVM, DACVP
Senior Pathologist
Experimental Pathology Laboratories, Inc., Research Triangle Park, NC

3:00pm – 3:20pm   Coffee Break
Sponsored by TBD

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 (NTP) Laboratory, Division of the NTP
National Institute of Environmental Health Sciences,
Research Triangle Park, NC