

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

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 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