



ITEHP Fall Symposium:

Early life exposures and later life consequences: Mechanisms underlying vulnerability

Washington Duke Inn, Durham, North Carolina
November 4, 2011

- 8:30 - 8:45 Breakfast and registration
- 8:45 - 9:15 Richard Di Giulio, Ph.D., Duke University
Introduction
- 9:15 - 9:45 Linda Birnbaum, Ph.D., Director, NIEHS
Keynote Address
- 9:45 - 10:15 Heather Stapleton, Ph.D., Duke University
Impairment of thyroid regulation and homeostasis by brominated flame retardants
- 10:15 - 10:30 Break
- 10:30 - 11:00 Joel Meyer, Ph.D., Duke University
Mitochondrial DNA as a target of developmental exposures
- 11:00 - 11:30 Mark E. Hahn, Ph.D., Woods Hole Oceanographic Institute
The roles of conditional transcription factors in mechanisms of developmental toxicity: Insights from piscine models
- 11:30 - 12:00 Irva Hertz-Picciotto, Ph.D., UC-Davis
Autism and the environment: Early life risk factors as etiologic clues
- 12:00 - 1:00 Lunch
- 1:00 - 1:30 Virginia Rauh, Sc.D., Columbia University
Seven-year neurodevelopment and prenatal exposure to chlorpyrifos, a common agricultural pesticide
- 1:30 - 2:00 Theodore A. Slotkin, Ph.D., Duke University
How early-life exposures to common pesticides can lead to metabolic dysfunction, diabetes and obesity
- 2:00 - 2:30 Robert Tanguay, Ph.D., Oregon State University
Defining the role of microRNAs as mediators of developmental toxicity in zebrafish
- 2:30 - 3:00 Edward D. Levin, Ph.D., Duke University
Developmental pesticide impacts on cognitive and emotional function in zebrafish and rats

To register for this free, public event, please contact Eve Marion at emarion@duke.edu (919-613-8078).
Thank you to our Symposium sponsors: Duke University Superfund Research Center (NIEHS P42-ES010356);
Duke University Integrated Toxicology and Environmental Health Program