



Fortieth Anniversary Annual Meeting of the Developmental Neurotoxicology Society Held in Conjunction with the 56th Annual Meeting of the Teratology Society Grand Hyatt San Antonio, San Antonio, Texas June 25–29, 2016

2016 Richard Butcher Travel Awards, Supported by San Diego Instruments

Jennifer Walters

National Center for Toxicological Research (NCTR)/FDA

Single and repeated exposures to the volatile anesthetic isoflurane do not impair operant performance in aged rats

Kelsey Dzwilewski

Beckman Institute for Advanced Science and Technology, University of Illinois at Urbana-Champaign

Associations of prenatal exposure to phthalates and bisphenol A with measures of cognitive function in 7.5-month-old infants

2016 Patricia Rodier MidCareer Award

Christina D. Chambers (Nominated by Ludmila Bakhireva)

University of California San Diego, Center for Better Beginnings, Department of Pediatrics

Research on long term outcomes following prenatal exposures: rarely studied but sorely needed

DNTS Conference Awards

Jenna Sprowles (supported by DNTS Board)

Cincinnati Children's Research Foundation, Division of Neurology

Perinatal citalopram exposure alters spatial learning and memory, acoustic startle response, anxiety, and sociability in adult Sprague-Dawley rats

Mellessa Miller (supported by DNTS Board)

University of Memphis

DOPAMINE TRANSPORTER (DAT) and Vesicular Monoamine Transporter (VMAT) expression in the Striatum AND medial PREFRONTAL CORTEX IN WEANLING and ADULT, Cocaine-exposed RATS is altered by PERINATAL PCB exposure

DNTS 2016 Program

Saturday, June 25, 2016

8:00 AM–12:00 Noon	Teratology Society Education Course Session I (Separate Registration Required) Embryology in Modern Times	Texas Ballroom D
12:00 Noon–5:00 PM	DNTS Registration	Texas Ballroom F Foyer
1:00 PM–2:00 PM	DNTS Public Affairs Committee Meeting	Republic B
1:30 PM–5:00 PM	Teratology Society Education Course Session II (Separate Registration Required) Development and Teratology of the Heart	Texas Ballroom D
2:00 PM–3:00 PM	DNTS Publications Committee Meeting	Republic B
3:00 PM–4:00 PM	DNTS Strategic Planning Committee Meeting	Republic B
4:00 PM–6:00 PM	DNTS Council Meeting	Republic B
Sunday, June 26, 2016		
7:30 AM–8:00 AM	Morning Coffee and Pastries (Joint with the Teratology Society)	Texas Ballroom A
8:00 AM–5:00 PM	DNTS Registration	Texas Ballroom F Foyer

8:00 AM–8:15 AM	DNTS President's Welcome <i>President: Lynn Singer, Case Western Reserve University, Cleveland, OH</i>	Texas Ballroom F
8:15 AM–9:00 AM	Josef Warkany Lecture (Joint with the Teratology Society and OTIS) DNTS 01: Framing Our Birth Defects Questions with Systems Biology: Learning from Our Mentors <i>Chairperson: Tacey E.K. White, Aclairo® Pharmaceutical Development Group, Inc.</i> <i>Lecturer: Elaine M. Faustman, University of Washington</i>	Texas Ballroom D
9:00 AM–10:00 AM	DNTS 40th Anniversary Celebrating our Past and Future	Texas Ballroom F
9:00 AM–9:05 AM	Introduction <i>Lynn Singer, Case Western Reserve University</i>	
9:05 AM–9:35 AM	DNTS 02: Origins of the Developmental Neurotoxicology Society <i>Charles Vorhees, Cincinnati Children's Research Foundation & University of Cincinnati, Cincinnati, OH, USA</i>	Texas Ballroom F
9:35 AM–9:45 AM	DNTS 03: Discussant <i>Jane Adams, University of Boston, MA, USA</i>	Texas Ballroom F
9:45 AM–9:55 AM	DNTS 04: Discussant <i>Edward Riley, State University, SD, California, USA, San Diego State University, San Diego, CA, USA</i>	Texas Ballroom F
10:00 AM–10:15 AM	Break (Joint with the Teratology Society)	Texas Ballroom A
10:15 AM–11:00 AM	DNTS 05: Reversal of Neurobehavioral Teratogenicity with Cell Transplantation: Animal Models and the Prospect for Translation <i>Joseph Yanai^{1,2}, Adi Pinkas¹, Asher Ornoy³, Itamar Altman¹, Dana Pulver⁴, Gadi Turgeman⁴</i> <i>¹The Ross Laboratory for Studies in Neural Birth Defects, Department of Medical Neurobiology, IMRIC, The Hebrew University-Hadassah Medical School, Jerusalem, Israel, ²Department of Pharmacology and Cancer Biology, Duke University Medical Center, Durham, NC, USA, ³Department of Medical Neurobiology, IMRIC, The Hebrew University-Hadassah Medical School, Jerusalem, Israel, ⁴Department of Molecular Biology, Ariel University, Ariel, Israel</i>	Texas Ballroom F
11:00 AM–11:30 AM	DNTS 06: Marijuana and Development of the Brain <i>Diana Dow-Edwards, State University of New York, Downstate Medical Center, Brooklyn, NY, USA</i>	Texas Ballroom F
10:00 AM–11:00 AM	Spouse/Guest Meet-and-Greet*	Republic Room A
12:00 Noon–1:30 PM	Lunch on Your Own	
1:30 PM–5:30 PM	Systematic Evaluations of Mechanistic Data for Developmental Neurotoxicity Outcomes <i>Chairperson: Andrew Kraft, US Environmental Protection Agency</i>	Texas Ballroom F
1:30 PM–1:35 PM	Introduction: Challenges in the Systemic Evaluation of Mechanistic Data for Developmental Neurotoxicity Risk Assessment <i>Andrew Kraft, US EPA</i>	Texas Ballroom F
1:35 PM–2:00 PM	DNTS 07: The Critical Role of Context in Defining Developmental Neurotoxicity <i>Deborah Cory-Slechta, University of Rochester School of Medicine, Rochester, NY, USA</i>	Texas Ballroom F
2:00 PM–2:35 PM	DNTS 08: Epigenetic Effects of Prenatal Exposures: Issues of Timing, Tissue, and Sex <i>Frances Champagne, Columbia University, New York, NY, USA</i>	Texas Ballroom F
2:35 PM–3:20 PM	DNTS 09: Phenotypic Screening for Developmental Neurotoxicity: Mechanistic Data at the Level of the Cell <i>William Mundy, Integrated Systems Toxicology Division, US Environmental Protection Agency, RTP, NC, USA</i>	Texas Ballroom F
3:20 PM–4:00 PM	DNTS 10: Incorporating New Knowledge and Known Complexity for Systematic Evaluation of Mechanistic Data for Developmental Neurotoxicity: Considering Behavioral Outcome as a Primary Organizing Principle <i>Christina Sobin, University of Texas, El Paso, TX, USA</i>	Texas Ballroom F
4:00 PM–4:15 PM	Break (Joint with the Teratology Society and OTIS)	Texas Ballroom A
4:15 PM–5:00 PM	DNTS 11: Developmental Neurotoxicity: Structured Frameworks for Evaluation <i>Elaine Faustman, University of Washington, Seattle, WA, USA</i>	Texas Ballroom F
5:00 PM–5:30 PM	Panel Discussion	Texas Ballroom F
5:30 PM–6:00 PM	Patricia Rodier Mid-Career Award for Research and Mentoring (Joint with TS) <i>Chairpersons: Bruce K. Beyer, Sanofi U.S. Inc. and Patricia Janulewicz, Boston University</i> <i>Lecturer: Christina D. Chambers, University of California San Diego</i>	Texas Ballroom D
6:00 PM–7:30 PM	Welcome Reception, Student and Postdoctoral Fellow Research Showcase**, and Exhibits (Joint with the Teratology Society)	Texas Ballroom B

Monday, June 27, 2016

7:30 AM–8:00 AM	Morning Coffee and Pastries (Joint with the Teratology Society)	Texas Ballroom B
8:00 AM–5:00 PM	DNTS Registration	Texas Ballroom F Foyer

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