



FETAL ALCOHOL SPECTRUM DISORDERS STUDY GROUP

June 20, 2015

Grand Hyatt, San Antonio, Texas

Basic Mechanisms and translational implications

Fernando Valenzuela, MD, Ph.D., President; Alexandre Medina, Ph.D., Vice-President;
Jeffrey Wozniak, Ph.D., Treasurer; Anna Klintsova, Ph.D., Secretary

- 7:15-7:50 Registration and Continental Breakfast
- 7:50-8:00 Welcome, **Fernando Valenzuela, M.D., Ph.D.**, President of FASDSG
- 8:00-8:50 **Keynote Presentation 1:** *"The molecular defense mechanisms deployed by the developing brain against alcohol"*, **Dr. Kazue Hashimoto-Torii, Ph.D.**, Assistant Professor, Children's National Medical Center/George Washington University
- 8:50-9:20 **FASt Data Presentation Session I**
- Synaptic dynamics and microglial phenotype in adolescent mice with deficient activity-dependent plasticity after early postnatal high binge alcohol exposure*, **Elisa Wong**, University of Rochester (**Travel Awardee**)
- Neuroprotection in the developing brain: BDNF and microglial response following postnatal exposure in rats*, **Karen Boschen**, University of Delaware (**Travel Awardee**)
- Neonatal alcohol exposure alters the effects of subsequent adolescent alcohol exposure on emotional development*, **Rashmi Risbud**, San Diego State University
- Virtual reality-based sensorimotor training improves balance and motor responses in children with FASD*, **Tracy Jirikowic**, University of Washington
- 9:20-9:35 **Announcements, Introduction of New Officer Nominees, and Voting for New Officer**
- 9:35-9:50 **Coffee Break**
- 9:50-10:10 **FASt Data Presentation Session II**
- Zebrafish genetic screens identify ethanol susceptibility loci*, **Charles Lovely**, University of Texas, Austin
- Long-lasting change on astrocyte secretome following early alcohol*, **Pablo Trindade**, University of Maryland, Baltimore (**Travel Awardee**)
- Developing a decision tree for clinical identification of children affected by prenatal alcohol exposure I: model development*, **Patrick Goh**, San Diego State University (**Travel Awardee**)
- 10:10-10:25 **Timothy A. Cudd Award Presentation –**

Inter hemispheric functional brain connectivity in neonates with prenatal alcohol exposure,
Kirsten Donald, University of Cape Town

10:25-11:15 **Federal Agency Updates**

- **Dale Hereld, M.D., Ph.D.**, National Institute on Alcohol Abuse & Alcoholism
- **Marcia S. Scott, Ph.D., Ph.D.**, Interagency Coordinating Committee on FAS
- **Clark Denny, Ph.D.**, Centers for Disease Control and Prevention
- **Dan Dubovsky, Ph.D.**, SAMHSA

11:15-11:45 **FASt Data Presentations III –**

Neonatal odor learning impairments following prenatal ethanol exposure, **Anna Patten**,
University of Victoria

Ethanol-induced defects in zebrafish retinal development rescue by nutritional supplements,
Pooja Muralidharan, Indiana-University-Purdue University (**Travel Awardee**)

Executive function in children with FASD and mental health comorbidity, **Sukhpreet Tamana**,
University of Alberta

*Does the effect of FASD education brochures on women's alcohol consumption differ among
smokers and no smokers?* **Som Bohora**, University of Oklahoma

11:45-12:00 **Business Meeting**

12:00-1:25 **Lunch (pre-purchased ticket required) Fogo de Chao, Brazilian Steakhouse; 849 E. Commerce
St. (3 min. away: take Bowie St. across Market St; turn left on Commerce; T: (210) 227.1700**

1:25-2:15 **Keynote Presentation 2: "Identifying atypical brain development based on altered timing:
Insights from MEG"**, **Dr. Julia Stephen**, Ph.D., MEG/EEG core Director, Associate Professor of
Translational neuroscience, The Mind Research Network

2:15-2:40 **2015 Kenneth Warren Merit Award: Leila Glass**, San Diego State University

Academic functioning in school age children with heavy prenatal alcohol exposure

2:40-3:00 **Coffee Break**

3:00-3:30 **FASt Data Presentations IV–**

*Fetal Alcohol exposure induces microglial activation and alters opioid receptor expression in the
hypothalamus*, **Miguel Cabrera**, Rutgers University.

Prenatal alcohol exposure: Evidence for an early-life immune signature? **Tamara Bodnar**,
University of British Columbia.

*Impact of chronic low-dose amphetamine treatment during juvenile development on
catecholamine neurons in a model of FASD.* **Victoria Macht**, University of South Carolina.

3:30-3:40 **Dr. Ed Riley will introduce the 2015 Rosett Award Winner**

3:40-4:30 **2015 Rosett Award Winner talk**

4:30 **Thank-you and Adjournment**

4:30-5:00 **Photo session for Student Travel, Merit and Rosett awardees**