Fetal Alcohol Spectrum Disorders Study Group

June 25, 2016
Hyatt Regency, New Orleans, LA

Rehabilitation in FASD:
Potential interventions and challenges

Alexandre Medina, Ph.D., President; Jeffrey Wozniak, Ph.D., Vice-President; Anna Klintsova, Ph.D., Treasurer; Derek Hamilton, Ph.D., Secretary

7:15-7:50 Registration and Continental Breakfast
7:50-8:00 Welcome, Alexandre Medina, Ph.D., President of the FASDSG
8:00-8:50 Keynote Presentation 1: Measures and Modifications of Cortical Excitability by Noninvasive Brain Stimulation, Alexander Rotenberg, M.D, Ph.D., Associate Professor of Neurology, Boston Children’s Hospital, Harvard Medical School

8:50-9:15 FASt Data Presentation Session I
Abnormal cortical gyrification mediates effects of prenatal alcohol exposure on arithmetic, executive function, and recognition memory, Vikas Kodali, B.A., Wayne State Univ. (Travel Awardee)
Effects of prenatal alcohol exposure and chronic unpredictable stress on ventral hippocampal mineralocorticoid receptor mRNA levels, Vivian Lam, B.Sc., Univ. of British Columbia (Travel Awardee)
Cognitive predictors of communication impairment in youth with histories of heavy prenatal alcohol exposure, Lauren Doyle, B.S., San Diego State Univ. (Travel Awardee)

9:15-9:30 Announcements, Introduction of New Officer Nominees, and Voting for New Officer
9:30-9:45 Coffee Break
9:45-10:05 FASt Data Presentation Session II
Prenatal ethanol exposure dysregulates early facial biomarkers of FAS and inhibits normal fetal eye development in a human in-vivo model, Nune Darbinian, Ph.D., Temple Univ.
Using multilevel latent transition analysis to model transitions of alcohol use profiles in women at risk for alcohol-exposed pregnancies, Som Bohora, M.S., Univ. of Oklahoma (Travel Awardee)
Ankyrin-G binding to L1 regulates L1 sensitivity to ethanol by inside-out signaling, Xiaowei Dou, Ph.D., Harvard Univ.

10:05-10:20 Accessing data from the Collaborative Initiative on FASD (CIFASD), Bill Barnett, Ph.D., Indiana Univ., CIFASD Informatics Core
10:20-10:35 Timothy A. Cudd Award: Annika Montag, Ph.D., Univ. of California - San Diego, Second trimester ultrasound as a tool in early detection of fetal alcohol spectrum disorders (FASD)
10:35-11:15  Federal Agency Updates

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

11:15-11:45  FAST Data Presentations Session III

Feasibility of estimating prenatal alcohol exposure from residual newborn screening, Sonnie Williams, B.S., Univ. of New Mexico

Epigenetic factors in the effects of neonatal alcohol exposure on hypothalamic microglia in rats, Lucy Chastain, Ph.D., Rutgers Univ. (Travel Awardee)

Short-term findings from the Families on Track preventive intervention pilot trial with children with FASD and their families, Christie Petrenko, Ph.D., Univ. of Rochester

Determining the long-term effects of prenatal alcohol exposure on spinal glial-immune responses underlying neuropathic touch hypersensitivity, Joshua Sanchez, B.S., Univ. of New Mexico (Travel Awardee)

11:45-12:00  Business Meeting

12:00-1:30  Lunch (pre-purchased ticket required): Little Gem Saloon, 445 S. Rampart St. – leave Hyatt, turn left on Loyola, walk 1 block; turn right on Poydras, walk 1 block. It’s across the street.

1:30-2:20  Keynote Presentation 2: Go Baby Go: Lifespan Technology R & D for making brains, making buddies and getting into serious trouble!, Dr. James “Cole” Galloway, P.T., Ph.D., Professor of Physical Therapy, Univ. of Delaware

2:20-2:45  Kenneth Warren Merit Award: Tamara Bodnar, B.A., Univ. of British Columbia, Effects of prenatal alcohol exposure on immune function across the lifespan

2:45-2:50  NOFAS “Stamp out stigma” campaign, presented by Michael Charness, M.D., 2015 Rosett Award Winner & Jeff Wozniak, Ph.D., Vice President of FASDSG

2:50-3:05  Coffee Break

3:05-3:30  FAST Data Presentations IV–

Moderate prenatal alcohol exposure-induced deficits in the extinction of contextually-conditioned fear learning in male & female rats, Jennifer Wagner, Ph.D., Univ. of New Mexico

Reduced basal ganglia and cerebellum volumes in adolescents and young adults with FASD, Sarah Inkelis, B.A., San Diego State Univ. (Travel Awardee)

Neuronal PARP activity in fetal alcohol spectrum disorders, David Gavin, M.D., Univ. of Illinois - Chicago

3:30-3:40  Rosett Award Winner Introduction

3:40-4:30  Rosett Award Winner Talk

4:30  Turn-in Evaluations, Raffle, and Adjournment

Afterward: Photo Session for Travel, Warren, Cudd, and Rosett awardees