



FETAL ALCOHOL
SPECTRUM DISORDERS
Study Group

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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**