Thursday, October 29, 2015

**Mood Session #1**
**Chair: Doo-Sup Choi, Ph.D.**
8:00 a.m.  Continental Breakfast
9:00    Genomic & Metabolomic Predictors of Antidepressant Response
        Richard Weinshilboum, M.D.
9:45    Translation of Pharmacodynamic/Kinetic Genetic Variation into Clinical Practice
        Mark A. Frye, M.D.
10:30  Break
10:45  Modeling Antidepressant Treatment Resistance
        Susannah J. Tye, Ph.D.
11:15  Inflammation & Mood: Brain Imaging & Clinical Correlates
        David Bond M.D., Ph.D.
11:45  Q/A and Clinical Case (pre-clinical and clinical commentary)
        Drs. Weinshilboum, Frye, Tye, and Bond
12:45 p.m.  Lunch (On your own)

**Addiction Session #1**
**Chair: Susannah J. Tye, Ph.D.**
1:45 p.m.  Dopamine Signaling in Addictive Behaviors
        Rueben Gonzales, Ph.D.
2:30    Neurobiology of drug-induced plasticity and addiction
        Mark Thomas, Ph.D.
3:00    Neurobiology of Cocaine Addiction and Ghrelin Imbalance
        William (Stephen) Brimijoin, Ph.D.
3:30  Break
3:45    Brain Networks of Relapse in Addiction
        Kelvin O. Lim, M.D.
4:15  Translational Strategies to Advance Medications to Treat Alcohol Use Disorder
        Raye Z. Litten, Ph.D.
5:00  Q/A and Clinical Case (pre-clinical and clinical commentary)
        Drs. Gonzales, Thomas, Lim, Brimijoin and Litten
5:30  Reception, Poster Session
6:30 p.m.  Adjourn
Friday, October 30, 2015

Mood Session #2:
Chair: Doo-Sup Choi, Ph.D.
8:00 a.m. Continental Breakfast
9:00 Mitochondrial Dysregulation in Bipolar Disorder & Schizophrenia
Ana C. Andreazza, PharmD, Ph.D.
9:45 Epigenetic Regulation of the Neuron Synapse Glial Cell Interface
Marin Veldic, M.D.
10:15 Bipolar Disorder Genetic Variation
Joanna M. Biernacka, Ph.D.
10:45 Break
11:00 Translational Epidemiology in Mood Disorders
William V. Bobo, M.D.
11:30 Q/A and Clinical Case (pre-clinical and clinical commentary)
Drs. Andreazza, Veldic, Biernacka, and Bobo
12:30 p.m. Award Presentation for Pre-clinical and Clinical Posters
12:45 Lunch (On your own)

Addiction Session #2
Chair: Susannah J. Tye, Ph.D.
1:45 p.m. Neurogenetics and Alcoholism
David Goldman, M.D.
2:30 Genetics in Alcohol Dependence and Treatment Outcome
Joanna M. Biernacka, Ph.D.
3:00 Genomic Correlates of Alcohol Withdrawal and Craving
Victor M. Karpyak, M.D., Ph.D.
3:30 Break
3:45 Preclinical Biomarkers and Functional Studies of Addiction
Doo-Sup Choi, Ph.D.
4:15 Q/A and Clinical Case (pre-clinical and clinical commentary)
Drs. Goldman, Biernacka, Karpyak, and Choi
5:15 p.m. Adjourn
Saturday, October 31, 2015

Chair: Mark A. Frye, M.D.

8:00 a.m.  Continental Breakfast
9:00  Brain Derived Neurotrophic Factor (BDNF): Pre-clinical & Clinical Biomarker  
       Flavio Kapczinski, M.D., Ph.D.
9:45  Ketamine in Depression  
       Jennifer Vande Voort, M.D.
10:15  Break
10:30  Functional Brain Imaging in Adolescent Depression  
       Kathryn Cullen, M.D.
11:00  Deep Brain Stimulation For Depression: Next Steps?  
       Mark A. Frye, M.D.
11:30  Q/A and Clinical Case (pre-clinical and clinical commentary)  
       Drs. Kapczinski, Frye, Cullen, and Vande Voort
12:30 p.m.  Course Review & Closing Remarks  
            Drs. Frye, Choi, and Tye
12:40 p.m.  Adjourn

Program schedule is subject to change without notice.