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## 2017 Pharmacogenetics in Psychiatry Meeting Schedule

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### Session One: Pharmacogenetics of Antipsychotic Drug Response I

- 8:45AM-9:00AM: Introduction  
*Anil Malhotra, Hofstra Northwell School of Medicine*
- 9:00AM-9:20AM: “The Form and Function of Pharmacogenetic-Based Decision Support Tools in Psychiatry”  
*Chad Bousman, University of Melbourne*
- 9:20AM-9:40AM: “Identification of Clinical Features that Predict Future Weight Trajectory in a Novel Cohort of Clozapine Treated Patients”  
*Rebecca NS Harrison, King’s College London*
- 9:40AM-10:00AM: “Genetic Predictors of Antipsychotic Response to Lurasidone Identified in a Genome-Wide Association Study and by Schizophrenia Risk Genes”  
*Jiang Li, Northwestern University*
- 10:00AM-10:20AM: “The Post-Synaptic Effector Gene ANKS1B: A Promising Lead from GWAS of Antipsychotic Drug Response”  
*Joseph L. McClay, Virginia Commonwealth University*
- 10:20AM-10:40AM Break

### Session Two: Pharmacogenetics of Antidepressant Drug Response

- 10:40AM-11:00AM: “Pharmacogenetic-Guided Decision Support Tools for the Management of Major Depressive Disorder: A Systematic Review and Meta-Analysis of Prospective Randomized Controlled Trials”  
*Harris Eyre, Texas Medical Center*
- 11:00AM-11:20AM: “Using the Genome-Wide Approach to Understand Genomic Contributions to Venlafaxine Response in Older Adults with Late-Life Depression”  
*Victoria Marshe, Centre for Addiction and Mental Health*
- 11:20AM-11:40AM: “Whole Exome Sequencing Reveals Risk Factors in Treatment Resistant Depression”  
*Alessandro Serretti, University of Bologna*
- 11:40AM-12:00PM: “Assessing the Shared Environment and Shared Genetics of Antidepressant Resistance, Neuroticism and Major Depressive Disorder”  
*Eleanor Wigmore, University of Edinburgh*
- 12:00PM-1:30PM: Lunch

### Session Three: Pharmacogenetics of Antipsychotic Drug Response II

- 1:30PM-2:00PM: Plenary Lecture (Title TBD)

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2:00PM-2:20PM: “Variation in Voltage-Gated Calcium Channel Genes is Associated with Antipsychotic Treatment Response in a South African First Episode Schizophrenia Cohort”  
*Kevin O’Connell, Stellenbosch University*

2:20PM-2:40PM: “RNA Signature of Treatment Response in First Episode Psychosis”  
*Réjane Troudet, Institut National de la Santé et de la Recherche Médicale*

2:40PM-3:00PM: “A Novel Procedure Allows for Creating Induced Neurons Directly from Human Patient Fibroblasts and Reveals Molecular Network Effects in 22Q11-Deletion-Syndrome”  
*Alexander Urban, Stanford University*

3:00PM-3:20PM: “Schizophrenia Polygenic Risk Score Predicts Antipsychotic Treatment Response in Patients with First Episode Psychosis”  
*Jianping Zhang, Hofstra Northwell School of Medicine*

3:20PM-3:30PM Break

### Session Four: Pharmacogenetics of ADHD and Substance Abuse Disorders

3:30PM-3:50PM: “Epigenome-Wide Association Analysis and Replication Implicates Deregulation of PCSK9 in Alcohol Use Disorder”  
*Falk Lohoff, National Institute of Health*

3:50PM-4:10PM: “Synergistic Effect of COMT and KIAA0319 Genes in Modulating ADHD Behaviors Using a Dynamic Pharmacogenetic-Behavioral Approach”  
*Weam Fageera, McGill University*

4:10PM-4:30PM: “Pharmacogenetic Predictors of Methylphenidate Efficacy Response in Childhood ADHD”  
*Nicole M. Myer, Genomind, Inc.*

4:30PM-4:50PM “Druggable Genome in Attention Deficit Hyperactivity Disorder and its Comorbid Conditions: New Avenues for Treatment”  
*Tetyana Zayats, University of Bergen*

4:50-5:00PM Break

5:00PM-7:00PM Poster Session and Reception