

**THE 10<sup>th</sup> ANNUAL  
PHARMACOGENETICS IN PSYCHIATRY MEETING  
The New York Marriott Hotel Downtown, New York, NY  
APRIL 15 - 16, 2011**

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**FRIDAY, APRIL 15, 2011**

8:00AM – 8:45AM Registration and Continental Breakfast

8:45AM - 9:00AM Welcome and Introduction

**SESSION I: PHARMACOGENETICS OF SUBSTANCE ABUSE**

Session chair: Alessandro Serretti, MD, PhD

9:00AM - 9:25AM **DAT and DRD4 genes are related to drinking and craving in early stage alcohol dependent individuals: Effects of naltrexone and OPRM1 genotype?**

Raymond Anton, MD  
Medical University of South Carolina  
Charleston, SC, USA

9:25AM - 9:50AM **Involvement of the atrial natriuretic peptide transcription factor GATA4 in alcohol dependence, relapse risk and treatment response to acamprosate**

Stephanie Witt, PhD  
Central Institute of Mental Health  
Mannheim, Baden-Württemberg, DE

9:50AM - 10:05AM Break

**SESSION II: PHARMACOGENETICS OF ANTIDEPRESSANTS**

Session chair: James Kennedy, MD

10:05AM - 10:30AM **Association between non-synonymous SNPs and response to citalopram in the STAR\*D sample**

Steven P. Hamilton, MD, PhD  
University of California, San Francisco  
San Francisco, CA, USA

10:30AM - 10:55AM **Meta-analysis of genome-wide association studies of antidepressant response**

Roy Perlis, MD (on behalf of the Antidepressant Response Consortium Investigators)  
Massachusetts General Hospital  
Boston, MA, USA

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10:55AM - 11:20AM      **Serotonin receptor 2A (HTR2A) gene polymorphism predicts treatment response to venlafaxine XR in generalized anxiety disorder**  
Falk W. Lohoff, MD  
University of Pennsylvania School of Medicine  
Philadelphia, PA, USA

11:20AM - 11:45AM      **Genetic and functional influence of FKBP-5 in the antidepressant treatment response**  
Annamaria Cattaneo, PhD  
University of Brescia  
Brescia, Lombardy, IT

11:45AM - 12:10PM      **GENDEP: Recent pharmacogenetic and pharmacogenomic output**  
Katherine J. Aitchison, MRCPsych, PhD  
King's College London  
London, England, UK

12:10PM - 2:00PM      Lunch

**SESSION III: GENOME-WIDE APPROACHES TO PHARMACOGENETICS**

Session chair: Katherine J. Aitchison, MRCPsych, PhD

2:00PM - 2:25PM      **Whole exome sequencing and antidepressant treatment outcome**  
Gonzalo Laje, MD, MHSc  
National Institute of Mental Health  
Bethesda, MD, USA

2:25PM - 2:50PM      **Genome-wide pharmacogenetics of response to antidepressants: the NEWMEDS project**  
Katherine Tansey, PhD  
King's College London  
London, England, UK

2:50PM - 3:15PM      **Genome-wide association analyses of adverse drug reactions to antidepressants in GENDEP**  
Robert Keers  
King's College London  
London, England, UK

3:15PM - 3:30PM      Break

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**PLENARY LECTURE: INTERMEDIATE PHENOTYPES AND PSYCHIATRIC  
PHARMACOGENETICS**

3:30PM - 4:15PM

Daniel Weinberger, MD  
National Institute of Mental Health  
Bethesda, MD, USA

4:15PM - 4:30PM

Presentation of 2011 PIP Travel Awards

**WORKSHOP: FUNDING STRATEGIES FOR PHARMACOGENETICS IN PSYCHIATRY**

4:30PM - 5:00pm

John Kelsoe, MD  
University of California, San Diego  
La Jolla, CA, USA

Thomas Lehner, PhD, MPH  
National Institute of Mental Health  
Bethesda, MD, USA

Anil K. Malhotra, MD  
The Zucker Hillside Hospital  
Glen Oaks, NY, USA

5:30PM - 7:30PM

Poster Session

**SATURDAY, APRIL 16, 2011**

9:00AM - 9:15AM

Welcome

**SESSION IV: NOVEL APPROACHES TO DISSECTING HETEROGENEITY OF PSYCHIATRIC  
ILLNESS**

Session chair: John Kelsoe, MD

9:15AM - 9:40AM

**In vivo microRNA CSF profiling in patients with schizophrenia**  
Juan Gallego, MD  
The Zucker Hillside Hospital  
Glen Oaks, NY, USA

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9:40AM - 10:05AM      **Using imaging-genetics to rethink our classification of severe mental illness**  
Aristotle Voineskos, MD  
Centre for Addiction & Mental Health  
Toronto, ON, CA

10:05AM - 10:30AM      **Novel phenotypes in pharmacogenetic studies: Weight gain in previously untreated patients**  
Todd Lencz, PhD  
The Zucker Hillside Hospital  
Glen Oaks, NY, USA

10:30AM - 10:45AM      Break

**SESSION V: PHARMACOGENETICS OF SCHIZOPHRENIA AND BIPOLAR DISORDER**

Session chair: Steven Hamilton, MD, PhD

10:45AM - 11:10AM      **Genetic variation in cytochrome P450 drug metabolizing enzymes impacts clearance of antipsychotics**  
Kristin L. Bigos, PhD  
National Institute of Mental Health  
Bethesda, MD, USA

11:10AM - 11:35AM      **Pharmacogenetics of lithium response**  
John Kelsoe, MD  
University of California, San Diego  
La Jolla, CA, USA

11:35AM - 12:00PM      **Haloperidol in acute psychosis. Clinical features and 133 genetic variations impact on treatment efficacy and side effects**  
Alessandro Serretti, MD, PhD  
University of Bologna  
Bologna, IT

12:00PM                      Meeting adjourns

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