

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

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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