

## **Pursuing Personalized Treatment for Mental Illness**

There are numerous evidenced based treatments for psychiatric disorders, using pharmacological and psychotherapeutic approaches. Predicting which of these therapies will work for any given individual remains as much an art as a science, resulting in therapeutic delays, needless costs and human suffering. A new era of personalized medicine tailored to the patient's unique biomarkers to specify treatment choices is beginning to emerge throughout medicine and in psychiatry. The 2014 APPA Annual meeting brings together experts to describe the most promising biomarkers, which may form the basis for future personalized treatment. Scientists who are carrying out therapeutic trials testing biomarkers alone or in combination to treat individuals with depression, anxiety disorders, schizophrenia or addiction, will also describe their most recent and salient findings.

*Jeffrey A. Lieberman, MD, President, 2014*

*Myrna M. Weissman, PhD, and  
 Anissa A. Abi-Dargham, MD  
 Program Co-Chairs, 2014*

### **WHAT ARE BIOMARKERS?**

Chair: Myrna Weissman, *Columbia University*  
 Irving I. Gottesman, *University of Minnesota, University of Virginia*  
 Thomas Insel, *National Institute of Mental Health*  
 Nora D. Volkow, *National Institute on Drug Abuse*  
 Preben Bo Mortensen, *University of Aarhus, Denmark*  
 David J. Kupfer, *University of Pittsburgh*  
 Geoffrey M. Reed, *World Health Organization*  
 Bruce N. Cuthbert, *National Institute of Mental Health*  
 Husseini K. Manji, *Janssen Research & Development, LLC*

### **METHODS**

Chairs: J. Raymond DePaulo, Jr., *Johns Hopkins University*  
 Robert M.A. Hirschfeld, *University of Texas Medical Branch*  
 Ed Bullmore, *University of Cambridge*  
 Anissa A. Abi-Dargham, *Columbia University*  
 Patrick F. Sullivan, *University of North Carolina*  
 John H. Krystal, *Yale University*  
 Alan S. Brown, *Columbia University*  
 Kristen J. Brennand, *Icahn School of Medicine at Mount Sinai*  
 György Buzsáki, *New York University*



*Hieronymus Bosch – Cure of Folly c. 1494*

To register go to  
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### **PROMISING BIOMARKERS**

Chairs: Mary Jeanne Kreek, *The Rockefeller University*  
 Shelli Avenevoli, *National Institute of Mental Health,  
 National Institutes of Health*  
 Eric J. Nestler, *Icahn School of Medicine at Mount Sinai*  
 Joseph Piven, *University of North Carolina*  
 Maria Karayiorgou, *Columbia University*  
 George F. Koob, *The Scripps Research Institute*  
 Robert L. Klitzman, *Columbia University*  
 Helen S. Mayberg, *Emory University*  
 Ramin V. Parsey, *Stony Brook University*  
 Steven M. Paul, *Weill Cornell University*  
 Charles R. Marmar, *New York University, Langone Medical Center*