

2016 AGENDA
LEON LEVY FELLOWS IN NEUROSCIENCE SYMPOSIUM

Host: Icahn School of Medicine at Mount Sinai
Date: Wednesday, May 4, 2016

Participating Institutions:

Columbia University Medical Center, Icahn School of Medicine at Mount Sinai, NYU Langone Medical Center, Rockefeller University, Weill Cornell Medical College

11:45 – 12:30 p.m. **Registration & Box Lunch**
Davis Auditorium, Hess Building
1470 Madison Avenue (between 101st & 102nd), 2nd Floor

SESSION ONE

12:30 p.m. Introduction and Welcoming Remarks
Eric Nestler, M.D., Ph.D.
Nash Family Professor
Dean for Academic and Scientific Affairs
Director, Friedman Brain Institute
Icahn School of Medicine at Mount Sinai

Symposium Emcee
Yasmin Hurd, Ph.D.
Professor, Department of Psychiatry and Neuroscience
Director of the Center for Addictive Disorders
Icahn School of Medicine at Mount Sinai

12:40 p.m. **Atheir Abbas, M.D., Ph.D.**
Columbia University Medical Center
The role of prefrontal interneuron subtypes in working memory
Introduction by Joshua Gordon, M.D., Ph.D.

1:20 p.m. **Jayeeta Basu, Ph.D.**
NYU Langone Medical Center
Reciprocal interactions between the hippocampus and entorhinal cortex memory circuit
Introduction by György Buzsáki, M.D., Ph.D.

2:00 p.m. **Sam Horng, M.D., Ph.D.**
Icahn School of Medicine at Mount Sinai
Claudin-4 is required for astrocytic tight junction formation and protects against inflammatory lesion size and severity in the central nervous system
Introduction by Gareth John, M.D., Ph.D.

2:40 – 3:10 p.m. **COFFEE BREAK**

SESSION TWO

- 3:10 p.m.** **Dilek Colak, Ph.D.**
Weill Cornell Medical College
The role of local RNA degradation in synaptic plasticity and cognitive function
Introduction by M. Elizabeth Ross, M.D., Ph.D.
- 3:50 p.m.** **Nicolas Renier, Ph.D.**
The Rockefeller University
Complete mapping of cellular brain activity and axonal projections by tissue clearing and automated volume analysis
Introduction by Cori Bargmann, Ph.D.
- 4:35 p.m.** Remarks
Shelby White
Founding Trustee
Leon Levy Foundation
- 4:45 p.m.** Plenary Talk
Pamela Sklar, M.D., Ph.D.
Chief, Division of Psychiatric Genomics
Department of Psychiatry
Professor of Psychiatry, Neuroscience, Genetics and Genomics
Icahn School of Medicine at Mount Sinai
Using genomics to change our understanding of mental illness
- 5:30 – 7:00 p.m.** Reception and Poster Session