

# Seminars in Neuroscience 2016-2017

University of Louisville School of Medicine

September 15, 2016

Dr. Jianhua Cang, Ph.D.

Northwestern University

*"Visual Response Properties of  
Mouse Superior Colliculus"*

October 20, 2016

John Huguenard, Ph.D.

Stanford University

*"Real-time Mode Switching of  
Thalamocortical Circuits in Epilepsy"*

December 8, 2016

Marius Wernig, M.D.

Stanford University

*"Direct Reprogramming of  
Fibroblasts to Neurons"*

January 19, 2017

Jeffrey Friedman, M.D., Ph.D.

Howard Hughes Medical Institute

*"Leptin and the Neural Circuits  
Controlling Food Intake and  
Glucose Metabolism"*

February 16, 2017

Douglas Black, Ph.D.

University of California, Los Angeles

*"Programs and Mechanisms of  
Alternative Pre-mRNA Splicing in  
Neurons"*

March 23, 2017

Jeff Macklis, M.D.

Harvard University

*"Wiring or Re-wiring the Cerebral  
Cortex is Complex; Assembly  
Instructions Required"*

April 20, 2017

Wendy Macklin, Ph.D.

University of Colorado

*"Signaling Pathways Regulating  
Oligodendrocyte Differentiation"*

May 18, 2017

Melissa Spencer, Ph.D.

University of California, Los Angeles

*"Dissecting the Role of  
Osteopontin in Pathogenesis of  
Muscular Dystrophy"*

Sponsors: Dept. of Anatomical Sciences & Neurobiology, Dept. of Neurological Surgery,  
Kentucky Spinal Cord Injury Research Center.

•Seminars held in the Baxter I auditorium at 4:00 p.m. with light refreshments.