Oct 10  Specific Neuronal Types and Functional Cortical Circuits  
Xiangmin Xu, PhD  
Systems Neurobiology Laboratories  
Salk Institute for Biological Studies

Nov 9, Fri  Neural Synchrony in Schizophrenia  
Peter Uhlhaas, PhD  
Department of Neurophysiology  
Max-Planck Institute for Brain Research  
Laboratory for Neurophysiology and Neuroimaging  
Department of Psychiatry  
Johann Wolfgang-Goethe Universität

Nov 14  Molecular Mechanism of Nigral Neuronal Death in Parkinson’s Disease  
Yoshikuni Mizuno, PhD  
Pfizer Visiting Professor  
Director, Research Institute for Diseases of Old Ages  
Department of Neurology  
Juntendo University School of Medicine, Tokyo, Japan

Dec 19  New Directions in Ophthalmic Ultrasound  
Ronald H. Silverman, PhD  
Professor of Computer Science in Ophthalmology  
Director of Bioacoustic Research Facility  
Weil Medical College of Cornell University

Jan 9  The Neurobiology of Recollection  
Howard Eichenbaum, PhD  
Professor, Department of Psychology  
Boston University

Jan 16  Gap Junctions and the very fast Oscillations (>80 Hz) that Precede, and Perhaps Initiate, Seizures  
Roger Traub, MD  
Professor, Department of Physiology and Pharmacology  
SUNY Downstate Medical Center

Jan 25, Fri  Overcoming our Fears: Neural Mechanism of Extinction  
Gregory J. Quirk, PhD  
Department of Psychiatry  
University of Puerto Rico School of Medicine, San Juan, Puerto Rico

Jan 30  Variability, Homeostasis and Compensation in a Rhythmic Neuronal Network  
Eve E Marder, PhD  
Volten Center  
Brandeis University

Feb 27  The Recognition Potential Reveals the Slow Acquisition of Fast-acting Neural Processes that Underlie Reading Ability  
Alan Rudell, PhD  
Research Associate Professor, Department of Physiology and Pharmacology  
SUNY Downstate Medical Center

Mar 13, Thur  Place Cells, Grid Cells and the Hippocampal-Entorhinal Spatial Representation System  
Edvard Moser, PhD and May-Britt Moser, PhD  
Centre for the Biology of Memory  
Medical-Technical Research Centre (NTNU)  
Norwegian University of Science and Technology

Mar 26  mGluR Signaling in Epilepsy  
Robert Wong, PhD  
Professor and Chair, Department of Physiology and Pharmacology  
SUNY Downstate Medical Center

Apr 9  Do B-Family Ephrins have Non-Mapping Functions in Tectal Development  
Frank Scalia, PhD  
Professor, Department of Anatomy and Cell Biology  
SUNY Downstate Medical Center

Apr 23  Bridging the Gap and Supporting the Scaffold: The Role of Extracellular Matrix in the CNS  
William Brunken, PhD  
Associate Professor, Department of Anatomy and Cell Biology  
SUNY Downstate Medical Center

May 7  Non-Protein-Coding RNAs in Neuronal Function  
Henri Tiedge, PhD  
Professor, Department of Physiology and Pharmacology  
SUNY Downstate Medical Center