

DEPARTMENT OF NEUROSCIENCE

2016 SEMINAR SERIES

TUESDAYS 10:30AM NB4.122

- 01/26/16 Junmin Peng, Ph.D., St. Jude's Children's Research Hospital
"High Throughput Proteomics to Neurodevelopment and Neurodegeneration"
 Host: Gang Yu, Ph.D., Department of Neuroscience
- 02/09/16 Ardem Patapoutian, Ph.D., Scripps Research Institute
"The Role of Piezo Ion Channels in Mechanosensation"
 Host: Helen Lai, Ph.D., Department of Neuroscience
- 03/15/16 Willian Catterall, Ph.D., University of Washington
"Structure and Function of Voltage-Gated Sodium and Calcium Channels at Atomic Resolution"
 Host: Ryan Hibbs, Ph.D., Department of Neuroscience
- 03/22/16 Adrian Krainer, Ph.D., Cold Spring Harbor Laboratory
"Mechanism-Based Antisense Therapeutics Targeting Splicing or NMD"
 Host: Carla Green, Ph.D., Department of Neuroscience
- 03/29/16 Ehud Isacoff, Ph.D., University of California, Berkeley
"Lighting Up Glutamate GPCRs"
 Host: Ege Kavalali, Ph.D., Department of Neuroscience
- 04/05/16 Susan G. Amara, Ph.D., National Institutes of Mental Health
"Neurotransmitter Transporters & the Cellular Mechanisms of Amphetamines: A Presynaptic Perspective"
 Host: Lisa Monteggia, Ph.D., Department of Neuroscience
- 04/12/16 Scott H. Soderling, Ph.D., Duke University School of Medicine
"Actin Badly- Cytoskeletal Drivers of Neuropsychiatric Disorder"
 Host: Jonathan Terman, Ph.D., Department of Neuroscience
- 04/15/16 John H. Krystal, M.D., Yale University School of Medicine
"Ketamine and the Pursuit of Rapid Acting Antidepressants"
 Host: Lisa Monteggia, Ph.D., Department of Neuroscience
- 04/25/16 ***Yang Dan, Ph.d., University of California, Berkeley***
 Neuroscience Retreat Keynote Speaker
- 05/03/16 Robert W. Burgess, Ph.D., The Jackson Laboratory
"Modeling Peripheral Neuropathies in Mice: Towards Disease Mechanisms, Genetic Variability, and Preclinical Testing"
 Host: Weichun Lin, Ph.D., Department of Neuroscience
- 05/17/16 Ken Irvine, Ph.D., Rutgers University
"Modulation of Growth by Tissue Mechanics"
 Host: Helmut Kramer, Ph.D., Department of Neuroscience
- 05/24/16 Joshua A. Gordon, M.D., Ph.D.
"Limbic-Prefrontal Synchrony in Psychiatric Disease Models"
 Host: Lisa Monteggia, Ph.D., Department of Neuroscience
- 09/06/16 Joe Dougherty, Ph.D., Washington University School of Medicine
"Cell Type-Specific Regulation of Alternative Translation & RNA Localization in the Brain"
 Host: Genevieve Konopka, Ph.D., Neuroscience Department
- 09/13/16 Sviatoslav Bagriantsev, Ph.D., Yale University
"Neuronal Mechanoreception in Tactile Specialist Ducks"
 Host: Ryan Hibbs, Ph.D., Neuroscience Department
- 09/20/16 Elizabeth Buffalo, Ph.D. University of Washington
"The Hippocampal Cognitive Map in Nonhuman Primates"
 Host: Brad Pfeiffer, Ph.D., Neuroscience Department

- Christopher Gregg, Ph.D., University of Utah
09/27/16 ***"Allele-Specific Epigenetic Effects and Computational Ethology: New Paradigms in Brain and Behavioral Genetics"***
Host: Carol Tamminga, Ph.D., Psychiatry Department
- Nelson Freimer, M.D., University of California, Los Angeles
10/04/16 ***"From Monkeys to Depression"***
Host: Lisa Monteggia, Ph.D., Neuroscience Department
- Gloria Choi, Ph.D., Massachusetts Institute of Technology
10/11/16 ***"Neurons, Circuits, and Cytokines in the Maternal Immune Activation Model of Autism"***
Host: Dwight German, Ph.D., Psychiatry Department
- Daniel Margoliash, Ph.D., University of Chicago
10/18/16 ***"From Nonlinear Dynamics to Populations of Neurons with Homogeneous Intrinsic Properties: New Concepts in Network Organization, Motor Control, and Sensorimotor Learning"***
Host: Todd Roberts, Ph.D., Neuroscience Department
- Gregory Bix, M.D., Ph.D., F.A.H.A., University of Kentucky
10/25/16 ***"Enter the Matrix: Novel Stroke and Vascular Dementia Therapeutic Targets"***
Host: Ann Stowe, Ph.D., Neurology Department
- Sebastian Seung, Ph.D., Princeton University
11/01/16 ***"Comprehensive Anatomical Classification of Retinal Ganglion Cells"***
Host: Joseph Takahashi, Ph.D., Neuroscience Department
- Henry Higgs, Ph.D., Dartmouth School of Medicine
11/08/16 ***"Multiple Roles for Actin in Mammalian Mitochondrial Fission"***
Host: Jonathan Terman, Ph.D., Neuroscience Department
- Christophe Bernard, Ph.D., Institut de Neurosciences des Systèmes - Aix-Marseille Université
11/29/16 ***"The Dynamic Epileptic Brain"***
Host: Juan Pascual, Ph.D., Neurology Department
- Nicole Calakos, Ph.D., Duke University School of Medicine
12/06/16 ***"Unconventional windows to brain plasticity mechanisms in health and disease"***
Host: Marc Diamond, M.D., Center for Alzheimer's & Neurodegenerative Diseases
- Catherine Woolley, Ph.D., Northwestern University
12/13/16 ***"Neurosteroid Estrogens and Seizures"***
Host: Lisa Monteggia, Ph.D., Neuroscience Department

**Sponsored By: The Departments of Neuroscience,
Neurology & Neurotherapeutics, and Psychiatry**

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