



# NEUROSCIENCE

March 15th - 16th 2017

LIVE VIRTUAL EVENT PRODUCED BY LABROOTS

Date	Time	Track	Presentation Title	Speaker
15-Mar	06:00 - 07:00 AM	Motivation and Emotion	Prefrontal control of learned fear and avoidance	Gregory J. Quirk, PhD Professor, Department of Psychiatry, University of Puerto Rico
15-Mar	06:00 - 07:00 AM	Sensory Motor	Primary motor and sensory cortical areas communicate via spatiotemporally coordinated networks at multiple frequencies	Fritzie Arce-McShane, PhD Research Assistant Professor, Dept of Organismal Biology and Anatomy, University of Chicago
15-Mar	07:30 - 08:30 AM	Disease	Exercise Targeting Neuroplasticity in Parkinson's disease	Giselle Petzinger, MD Associate Professor and Clinical Scholar in Neurology and Movement Disorders, University of Southern California, Keck School of Medicine
15-Mar	07:30 - 08:30 AM	Sensory Motor	Model-based learning in psychiatry	Valerie Voon, MD, PhD Neuropsychiatrist and Principal Investigator, Department of Psychiatry, Behavioural and Clinical Neuroscience Institute, University of Cambridge
15-Mar	09:00 - 10:00 AM	Disease	Keynote Presentation - Prefrontal GABA regulation of cognition: implications for psychiatric disorders	Stan Floresco, PhD Professor, Department of Psychology, University of British Columbia
15-Mar	10:30 - 11:30 AM	Cognition	Neuroanatomical substrates underlying attentional processing	Josh Burk, PhD Associate Professor and Chair, Department of Psychology, College of William & Mary
15-Mar	10:30 - 11:30 AM	Broad-based Application	Neurocartography in the era of Big Data	Narayanan Kasthuri, PhD Assistant Professor, University of Chicago
15-Mar	12:00 - 01:00 PM	Disease	Oscillations, deep brain stimulation and the functional network in Gilles de la Tourette syndrome	Rowshanak Hashemiyooun, PhD Chief, Human Brain and Behavior Laboratory, Department of Stereotactic and Functional Neurosurgery University Hospital of Cologne
15-Mar	01:30 - 02:30 PM	Broad-based Application	New generation open source miniaturized microscopes for network dynamic imaging in freely moving mice	Peyman Golshani, MD, PhD Assistant Professor, Neurology, Brain Research Institute Member, Neuroscience GPB Home Area

16-Mar	06:00 - 07:00 AM	Broad-based Application	Decoding the Mind using Brain Machine Interfaces: Turning Thought into Action	Nicholas Hatsopoulos, PhD Professor, Department of Organismal Biology and Anatomy, Chair, Committee on Computational Neuroscience, University of Chicago
16-Mar	06:00 - 07:00 AM	Cognition	Working Memory: Neurophysiological Basis, Development, and Plasticity	Christos Constantinidis, PhD Professor, Wake Forest School of Medicine
16-Mar	07:30 - 08:30 AM	Disease	Keynote Presentation - New Pathways for Recovery of Function Following Paralysis	V. Reggie Edgerton, PhD Distinguished Professor, Neurosurgery Professor, Integrative Biology and Physiology, Neurobiology Vice Chair, Integrative Biology and Physiology, Member, Brain Research Institute, Molecu
16-Mar	09:00 - 10:00 AM	Cognition	Capturing cocaine memories in the perineuronal net	Barbara Sorg, PhD Professor of Neuroscience, Washington State University, Vancouver
16-Mar	10:30 - 11:30 AM		Refinement of epigenetic approaches in neuroscience	Richard Lee, PhD Assistant Professor, Johns Hopkins University School of Medicine
Mar 16 - Feb 16	Mar 16 10:30 - Feb 16 11:30 AM	Cognition	When confidence and consciousness collide: neural and computational approaches to understanding how the brain creates subjective experience	Megan Peters, PhD Assistant Professor, Bioengineering, University of California, Los Angeles
16-Mar	12:00 - 01:00 PM		The Orexin/Hypocretin System in Aging and Cognition	Jim Fadel, PhD Associate Professor, University of South Carolina School of Medicine
16-Mar	01:30 - 02:30 PM	Disease	Humans and fish to study the cellular mechanisms of neuromuscular development	Chiara Manzini, PhD Assistant Professor of Pharmacology and Physiology, and Integrative Systems Biology, GW Institute for Neuroscience
16-Mar	01:30 - 02:30 PM	Disease	Title Coming Soon - Topic: Alzheimers	Edward (Ted) G. Barrett, PhD Senior Director, Pharmacology, Lovelace Biomedical