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| 15-Mar | 6:00-7:00 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 | 6:00-7:00 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 | 7:30-8:30 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 | 7:30-8:30 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 | 9:00-10:00 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 | 12:00-1:00 PM | Disease                | Oscillations, deep brain stimulation and the functional network in Gilles de la Tourette syndrome | Rowshanak Hashemiyoon, PhD  
Chief, Human Brain and Behavior Laboratory, Department of Stereotactic and Functional Neurosurgery University Hospital of Cologne |
| 15-Mar | 1:30-2:30 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 | 6:00-7:00 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 | 6:00-7:00 AM | Cognition              | Working Memory: Neurophysiological Basis, Development, and Plasticity                | Christos Constantinidis, PhD  
Professor, Wake Forest School of Medicine |
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| 16-Mar| 7:30-8:30 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, Molecular and Integrative Biology and Physiology, Neurobiology, Vice Chair, Integrative Biology and Physiology, Member, Brain Research Institute, Molecular |
| 16-Mar| 9:00-10:00 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 | Cognition | Refinement of epigenetic approaches in neuroscience                                              | Richard Lee, PhD  
Assistant Professor, Johns Hopkins University School of Medicine          |
| 16-Mar| 10:30-11:30 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| 12:00-1:00 PM | Disease | The Orexin/Hypocretin System in Aging and Cognition                                             | Jim Fadel, PhD  
Associate Professor, University of South Carolina School of Medicine    |
| 16-Mar| 1:30-2:30 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 |