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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 Hashemiyooin, 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, Molecu |
| 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 | Cognition | 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 |