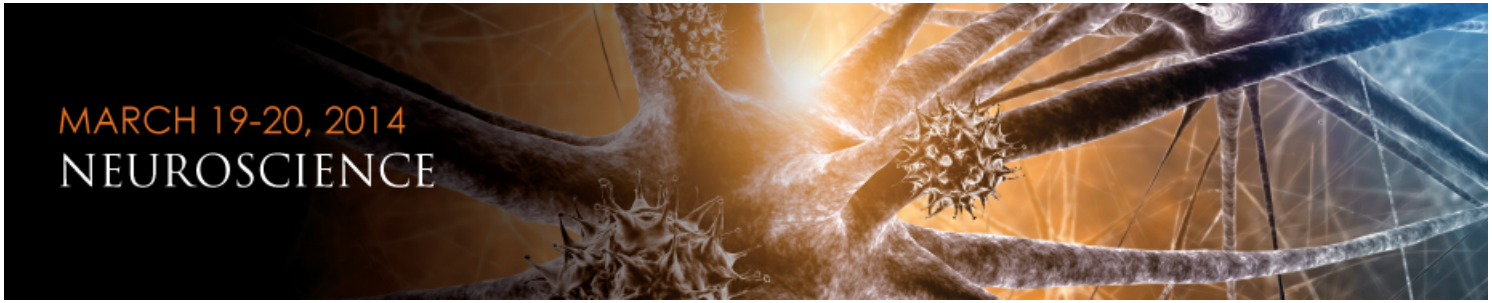

Date	Time	Track	Presentation Title	Speaker
19-Mar	06:00 - 07:00 AM	BRAIN Initiative	The Novel Neurotechnology: implications for science, medicine and society	Rafael Yuste, MD, PhD NIH Director's Pioneer Awardee, Professor of Biological Sciences and Neuroscience, Columbia University, Co-director of the Kavli Foundations Institute for Neural Circuitry
19-Mar	07:00 - 08:00 AM	Neurological Diseases from Lab to Clinic	A Unique B Cell Derived Signature of Multiple Sclerosis and its Biologic Implications	Benjamin Greenberg, MD Associate Professor Cain Denius Scholar in Mobility Disorders, Department of Neurology & Neurotherapeutics, Pediatrics, UT Southwestern Medical Center
19-Mar	07:00 - 08:00 AM	Emerging Therapies, Technologies and Methods	Therapeutic Strategies for Cognitive Dysfunction in Down Syndrome	Ahmad Salehi, MD, PhD Clinical Associate Professor Department of Psychiatry & Behavioral Sciences, Stanford Medical School
19-Mar	08:00 - 09:00 AM	BRAIN Initiative	BRAIN Initiative Panel Discussion - science and funding overview	Emery N. Brown, MD, PhD, William Newsome, PhD, Justin Sanchez, PhD, Terrence J Sejnowski, PhD Emery N. Brown, MD, PhD Warren M. Zapol Prof. of Anaesthesia Harvard Medical School, Prof. of Computational Neuroscience MIT, Director, Neuroscience Statistics Research Laboratory, Anestheti
19-Mar	08:00 - 09:00 AM	BRAIN Initiative	BRAIN Initiative Panel Discussion - science overview	Emery N. Brown, MD, PhD, William Newsome, PhD, Justin Sanchez, PhD, Terrence J Sejnowski, PhD Emery N. Brown, MD, PhD Warren M. Zapol Prof. of Anaesthesia Harvard Medical School, Prof. of Computational Neuroscience MIT, Director, Neuroscience Statistics Research Laboratory, Anestheti
19-Mar	09:00 - 10:00 AM	Nervous System Development & Function	Age-Dependent Responses of Dendrite Structure to Hippocampal Synaptic Plasticity	Kristen Harris, PhD Associate Chair, Department of Neuroscience, Professor of Neuroscience , Fellow Center for Learning and Memory, University of Texas at Austin
19-Mar	09:00 - 10:00 AM	BRAIN Initiative	Brain Computer Interfaces: Neurotech in the Future of Neuroscience	Lana Morrow, PhD Founder and CEO, Think Interfaces, Inc.

19-Mar	09:00 - 10:00 AM	Neurological Diseases from Lab to Clinic	Remyelinating the adult central nervous system: Repairing injury in MS	Ari Green, MD Director of UCSF Neurodiagnostics Center, Director of UCSF Multiple Sclerosis Center, Rachleff Endowed Professor, Associate Professor of Neurology and Opthalmology, UCSF School of Medicine
19-Mar	10:00 - 11:00 AM	Behavioral and Cognitive Neuroscience	How Subtle and "Benevolent" Biases Undermine Women's Advancement in the Sciences	Peter Glick, PhD Henry Merritt Wriston Professor of the Social Sciences, Professor of Psychology, Lawrence University
19-Mar	10:00 - 11:00 AM	Neurological Diseases from Lab to Clinic	MS Bioscreen: From the Bedside to the Bench and Back	Pierre-Antoine Gourraud, PhD, MPH Assistant Adjunct Professor of Neurology, University of California, San Francisco
19-Mar	10:00 - 11:00 AM	Neurological Dysfunction from Genes to Human Disease	NMDA receptor regulation in health and disease	Michael Salter, MD, PhD, FRSC Head and Senior Scientist of Neurosciences & Mental Health, Associate Chief of Science Strategy Research, Sick Kids Research Institute
19-Mar	11:00 - 12:00 PM	Keynote	When good neurons go bad: Dopamine neuron regulation and its disruption in schizophrenia and depression	Anthony Grace, PhD Distinguished Professor of Neuroscience, Professor of Psychiatry and Psychology Department of Neuroscience, University of Pittsburgh
19-Mar	12:00 - 01:00 PM	Neurological Diseases from Lab to Clinic	Abeta oligomer receptor antagonists as disease-modifying Alzheimers therapeutics	Susan Catalano, PhD Founder and Chief Science Officer, Cognition Therapeutics, Inc.
19-Mar	12:00 - 01:00 PM	Emerging Therapies, Technologies and Methods	Chemogenetics: a transformational technology for neuroscience	Bryan L. Roth, MD, PhD Michael Hooker Distinguished Professor, Department of Pharmacology and Division of Chemical Biology and Medicinal Chemistry, Eshelman School of Pharmacy
19-Mar	12:00 - 01:00 PM	Nervous System Development & Function	Src Regulation of Lamellipodia, Filopodia, and Substrate-Cytoskeletal Coupling in Neuronal Growth Cones	Daniel Suter, PhD Associate Professor, Department of Biological Sciences, Purdue University
19-Mar	01:00 - 02:00 PM	Neurological Diseases from Lab to Clinic	ABCA1 and APOE: Intertwined roles in Alzheimers disease	Radosveta Koldamova, MD, PhD Associate Professor at the Department of Environmental & Occupational Health, University of Pittsburgh
19-Mar	01:00 - 02:00 PM	Emerging Therapies, Technologies and Methods	Engineering reproducible neural tissue from pluripotent stem cells	Stephanie Willerth, PhD Assistant Professor, University of Victoria Engineering, Canada

20-Mar	06:00 - 07:00 AM	BRAIN Initiative	Connectomics - Defining Neural Circuits to Understand Brain Function	Scott W. Emmons, PhD Siegfried Ullmann Professor of Genetics, Professor of Neuroscience, Albert Einstein College of Medicine
20-Mar	07:00 - 08:00 AM	Neurological Diseases from Lab to Clinic	Huntingtons Disease: Twenty years and counting	Margaret Sutherland, PhD Program Director in the Neurodegeneration Cluster, NIH/NINDS
20-Mar	07:00 - 08:00 AM	BRAIN Initiative	Tools for Mapping Brain Computations	Edward S. Boyden, PhD Joint Professor at MIT, Synthetic Neurobiology Research Group, AT&T Career Development Associate Professor, MIT
20-Mar	08:00 - 09:00 AM	Behavioral and Cognitive Neuroscience	Biomarkers, Cognition and Cognitive Reserve in Alzheimers Disease	Prashanthi Vemuri, PhD Assistant Professor at the Aging and Dementia Imaging Laboratory, Department of Radiology, Mayo Clinic
20-Mar	08:00 - 09:00 AM	BRAIN Initiative	The Human Connectome Project	David Van Essen, PhD Professor of Anatomy and Neurobiology, Washington University School of Medicine
20-Mar	09:00 - 10:00 AM	BRAIN Initiative	BRAIN Initiative Panel Discussion - funding overview	Story Landis, PhD, Thomas R. Insel, MD, Justin Sanchez, PhD, John C. Wingfield Story Landis, PhD Director, National Institute for Neurological Disorders and Stroke (NINDS) Thomas R. Insel, MD Director, National Institute of Mental Health (NIMH) Justin Sanchez, PhD
20-Mar	09:00 - 10:00 AM	BRAIN Initiative	BRAIN Initiative Panel Discussion - science and funding overview	Story Landis, PhD, Thomas R. Insel, MD, Justin Sanchez, PhD, John C. Wingfield Story Landis, PhD Director, National Institute for Neurological Disorders and Stroke (NINDS) Thomas R. Insel, MD Director, National Institute of Mental Health (NIMH) Justin Sanchez, PhD
20-Mar	10:00 - 11:00 AM	Neurological Dysfunction from Genes to Human Disease	Impairments of brain network connectivity in autism	Ralph-Axel Mueller, PhD Director of the Brain Development Imaging Lab, Professor of Psychology, San Diego State University
20-Mar	10:00 - 11:00 AM	Emerging Therapies, Technologies and Methods	Neuroeconomy; Economic Impact of Neurodegenerative Diseases both in the US and Globally	Lana Morrow, PhD Founder and CEO, Think Interfaces, Inc.

20-Mar	10:00 - 11:00 AM	Behavioral and Cognitive Neuroscience	Neuroimaging Informatics: Distributed Resources for 'Big' Cognition	David N. Kennedy, PhD Professor, Univ of Massachusettes Medical School, Department of Psychiatry, Director of the Division of Neuroinformatics at the Child and Adolescent Neurodevelopment Initiative
20-Mar	11:00 - 12:00 PM	Keynote	Using brain imaging and biomarkers for diagnosis and investigation of Alzheimer's disease "The Alzheimer's Disease Neuroimaging Initiat	Michael Weiner, MD Principle Investigator of the Alzheimer's Disease, Neuroimaging Initiative, Professor in Residence, Medicine, Psychiatry, and Neurology, University of California, San Francisco
20-Mar	12:00 - 01:00 PM	Nervous System Development & Function	Axonal Protein Synthesis in Neurodevelopment and -degeneration	Ulrich Hengst, PhD Assistant Professor of Pathology and Cell Biology , Taub Institute for Research on Alzheimers Disease, Columbia University
20-Mar	12:00 - 01:00 PM	Neurological Dysfunction from Genes to Human Disease	The Genetics of Alzheimer's disease	Alison Goate, D.Phil Samuel & Mae S. Ludwig Professor of Genetics in Psychiatry, Professor of Neurology, Dept. of Psychiatry, Washington University School of Medicine
20-Mar	12:00 - 01:00 PM	Neurological Diseases from Lab to Clinic	The potential of robotic technology as a next generation technology for neurological assessment	Stephen Scott, PhD Professor Department of Biomedical and Molecular Sciences, Queens University School of Medicine
20-Mar	01:00 - 02:00 PM	Nervous System Development & Function	Cholinergic modulation of visual perception in rodents	Elvire Vaucher, PhD Full professor Ecole doptomtrie, Universit de Montral, Qubec, Canada
20-Mar	01:00 - 02:00 PM	Neurological Diseases from Lab to Clinic	Neurogenesis, cognitive dysfunction and Alzheimer's disease	Orly Lazarov, PhD Associate Professor of Anatomy and Cell Biology, University of Illinois College of Medicine
20-Mar	01:00 - 02:00 PM	Neurological Dysfunction from Genes to Human Disease	The role of high throughput sequencing in the research and diagnosis of neurodegenerative disorders	Peter L Nagy, MD, PhD Director of Next-Gen Sequencing Laboratory Laboratory of Personalized Genomic Medicine, Associate Professor, Columbia University
20-Mar	02:00 - 03:00 PM	Emerging Therapies, Technologies and Methods	Cross-talk & Developmental Programs A Key to Translational Stem Cell Biology	Evan W. Snyder, M.D., Ph.D., F.A.A.P Director Stem Cell Research Center & Core Facility, Professor, Sanford-Burnham Medical Research Inst, Faculty Physician, Department of Pediatrics, University of California, San Diego
20-Mar	02:00 - 03:00 PM	Nervous System Development & Function	Disinhibition Drives Rapid Movement and Associative Motor Memory Formation in the Cerebellum	Paul Mathews, PhD Investigator & Co-Director of the Neurotherapeutics IWI, Lundquist Institute (Formerly "LA BioMed"); Assistant Professor, David Geffen School of Medicine at UCLA Department of Neurology

20-Mar	02:00 - 03:00 PM	Neurological Dysfunction from Genes to Human Disease	Genetics of Parkinsons disease	Katerina Venderova, PhD Assistant Professor Department of Physiology and Pharmacology, University of the Pacific, Thomas J Long School of Pharmacy and Health Sciences