



Date	Time	Track	Presentation Title	Speaker
4-Mar	06:00 - 07:00 AM		BDNF as a Window into Brain Health: Lifestyle Effects and Non-Invasive Measurement	Kirk R. Daffner, MD J. David and Virginia Wimberly Professor of Neurology, Harvard Medical School, Director of the Center for Brain/Mind Medicine, Mass General Brigham Aurélie Ledreux, PhD, MS Associate Professor
4-Mar	07:30 - 08:30 AM	NIH BRAIN Initiative Connectivity Across Scales (CONNECTS): High-Resolution Neural Circuit Mapping Across Scales and Species	Keynote Presentation: Mapping the connectivity of the human brain <i>in vivo</i> w/ Live Q&A	Franco Pestilli, PhD, BA Professor, University of Texas at Austin
4-Mar	09:00 - 10:00 AM	New Horizons in Neurodegenerative Disease Research	Keynote Presentation: Estrous stage-dependent suppression of anxiety-potentiated startle by corticotropin-releasing factor (CRF) neurons in the extended amygdala	Joanna Dabrowska, PhD, PharmD Associate Professor, Center for the Neurobiology of Stress Resilience and Psychiatric Disorders, Department of Cellular and Molecular Pharmacology, The Chicago Medical School, Rosalind Franklin University of Medicine and Science
4-Mar	10:30 - 11:30 AM		Advancing Neural Disease Modeling with Human iPSC-Derived Cell Systems	Xuan Xu, PhD Senior Field Application Scientist, FLBI
4-Mar	01:30 - 02:30 PM	Neuroscience and Society: Responsible Neurotechnology Development	Keynote Presentation: A Cross-Contextual Approach to Neurotechnologies	Timothy E. Brown, PhD Assistant Professor, Department of Bioethics & Humanities

4-Mar	03:00 - 04:00 PM	NIH BRAIN Initiative Connectivity Across Scales (CONNECTS): High-Resolution Neural Circuit Mapping Across Scales and Species	Panel Discussion: Brain-wide connectivity mapping: opportunities and challenges	Cathryn Cadwell, MD, PhD Weill Neurohub Assistant Professor, University of California, San Francisco Nuno Maçarico da Costa, PhD Investigator, Allen Institute for Brain Science Patricia Rivlin, PhD Senior Researcher, Johns Hopkins Applied Physics Laboratory Sarah Heilbronner, PhD Associate Professor of Neurosurgery, Baylor College of Medicine Forrest Collman, PhD Associate Director, Data and Technology, Allen Institute for Brain Science
4-Mar	On Demand	NIH BRAIN Initiative Connectivity Across Scales (CONNECTS): High-Resolution Neural Circuit Mapping Across Scales and Species	AI-guided electron microscopy for accelerated brain mapping	Yaron Meirovitch, PhD, MS, BS Research Associate, Harvard University
4-Mar	On Demand	New Horizons in Neurodegenerative Disease Research	Alpha-synuclein, a key player in Parkinson's disease and dementia and its new presentations in tissue.	Prof. Poul Henning Jensen, M.D., Dr. Med. Sci. Professor, Aarhus University, Dept. of Biomedicine (West), Director, DANDRITE, Danish Research Institute of Translational Neuroscience, (Nordic EMBL partnership for Molecular Medicine). Co-founder and core group leader, Aarhus University Hospital, Lundbeck Foundation Parkinson's Disease Research Center PACE.
4-Mar	On Demand	NIH BRAIN Initiative Connectivity Across Scales (CONNECTS): High-Resolution Neural Circuit Mapping Across Scales and Species	Connecting single neuron transcriptomes to projectomes and connectomes	Staci Sorensen, PhD, BS Associate Director, Neuroanatomy, Allen Institute for Brain Science
4-Mar	On Demand	NIH BRAIN Initiative Connectivity Across Scales (CONNECTS): High-Resolution Neural Circuit Mapping Across Scales and Species	Connections, Cutoffs and Coincidences: Increasing Throughput and Reliability in Barcoded Rabies Connectome Inference using Computational Analysis	Dante Kienigiel, BS/MEng in Bioengineering PhD Candidate, Carnegie Mellon University, Neuroscience Institute
4-Mar	On Demand	Digital Technologies for Assessment and Interventions in Psychiatry	Learning a Widespread Electrical Brain Network for Anxiety Across Contexts	David Carlson, PhD Associate Professor, Duke University
4-Mar	On Demand	NIH	New frontiers in imaging the human connectome	Anastasia Yendiki, PhD Associate Professor, Harvard Medical School; Investigator, Massachusetts General Hospital

4-Mar	On Demand	NIH BRAIN Initiative Connectivity Across Scales (CONNECTS): High-Resolution Neural Circuit Mapping Across Scales and Species	NIH BRAIN Initiative Connectivity across Scales (CONNECTS): The Past, Present, and Future of Brain-wide Connectivity Mapping	Jeffrey Kopsick, PhD Health Program Specialist, National Institute of Neurological Disorders and Stroke Kari Johnson, PhD Program Director, National Institute of Neurological Disorders and Stroke
4-Mar	On Demand	Neuroscience and Society: Responsible Neurotechnology Development	Partnering With Communities to Understand Lifestyle Influences on Cognitive Decline	Kacie D. Deters, PhD Assistant Professor, Department of Integrative Biology & Physiology, University of California Los Angeles
4-Mar	On Demand	New Horizons in Neurodegenerative Disease Research	Seed Structure and Phosphorylation Impact Tau Seeding	Alysa Kasen, PhD Cell and Molecular Biology Postdoctoral Research Fellow, Colorado State University
4-Mar	On Demand	New Horizons in Neurodegenerative Disease Research	The Long Hangover: Rodent Model of Adolescent Binge Drinking Alters Brain and Behavior	Kati Healey, BS, MA, PhD Research Physiologist Durham Veterans Affairs Medical Center Research Scientist Julius L Chambers Biomedical/Biotechnology Research Institute
4-Mar	On Demand	NIH BRAIN Initiative Connectivity Across Scales (CONNECTS): High-Resolution Neural Circuit Mapping Across Scales and Species	Uncovering the wiring rules and variations in the brain using barcoded connectomics	Xiaoyin Chen, PhD Assistant Investigator, Allen Institute
4-Mar	On Demand	Neuroscience and Society: Responsible Neurotechnology Development	Using high-speed videography and machine learning for analysis of pain-like animal behavior	Andrii Domanskyi, PhD Senior Research Scientist, Orion Pharma