

Date	Time	Place	Speaker	Title
1/29/2025	12:00 PM	3571 WIMR II	Yao Chen, Washington University	Molecular Ballet: Decoding Biochemical Signaling Dynamics in the Brain
2/5/2025	12:00 PM	3571 WIMR II	Gregory Frolenkov, University of Kentucky	Nanoscale Regulation of Mechanotransduction in Mammalian Auditory Hair Cells
2/12/2025	12:00 PM	3571 WIMR II	Anthony Fitzpatrick, Columbia University	Patient-Based Structural Biology of Protein Misfolding in Health and Disease
3/5/2025	12:00 PM	3571 WIMR II	Stanislav Zakharenko, St. Jude Children's Hospital	Unified Adenosine Model of Cortical Plasticity
3/19/2025	12:00 PM	3571 WIMR II	Andrea Hasenstaub, University of California-San-Francisco	Dynamic Processing in Auditory Thalamocortical Circuits
4/9/2025	12:00 PM	3571 WIMR II	Skyler Jackman, Vollum Institute-Oregon Health and Science University	Revealing the Mechanisms and Functions of Short-term Synaptic Plasticity
4/16/2025	12:00 PM	3571 WIMR II	Vibhu Sahni, Cornell University	Building and Re-building Long-distance Circuitry in the Mammalian CNS -- Lessons From Development
4/23/2025	12:00 PM	3571 WIMR II	Post-doctorate Talk: Kristy Guo (Zhao Lab)	Gene Dosage and Autophagy Dysregulation in Neurodevelopment: From MAP1B to Autism-associated CNVs
4/23/2025	12:30 PM	3571 WIMR II	Post-Doctorate Talk: Lisandra Flores Aldama (Robertson Lab)	mRNA Interactions Promote Co-translational Association of Heteromeric Ion Channels
9/10/2025	12:00 PM	3571 WIMR II	Aviad Hai, Biomedical Engineering, UW-Madison	Next Generation Physiology: Wireless Magnetic Recordings of Neuronal Activity
9/17/2025	4:00 PM	T216 Waisman	Woolsey Lecture - Catherine Dulac, HHMI & Harvard University	The Neurobiology of Social and Sickness Behavior
10/1/2025	12:00 PM	3571 WIMR II	Trainee Talk: Ryan Risgaard, MSTP-CMB (Sousa Lab)	Molecular and Cellular Processes Disrupted in the Early Postnatal Down syndrome Prefrontal Cortex
10/1/2025	12:00 PM	3571 WIMR II	Trainee Talk: Zhao Zhang (Chapman Lab HHMI)	Engineering Model Membranes with DNA Nanotechnology
10/8/2025	12:30 PM	3571 WIMR II	Joao Morais Cabral, University of Porto, Portugal	The Roles of the Cytoplasmic Domains of the Human ERG K+ Channel
10/22/2025	12:00 PM	3571 WIMR II	Samuel Sober, Emory University	Spiking Codes for Skilled Motor Control
10/29/2025	12:00 PM	3571 WIMR II	Ali Mohebi, Psychology, UW-Madison	Dopamine and Multi-timescale Processing of Rewards
11/5/2025	12:00 PM	3571 WIMR II	Jeff Martell, Chemistry, UW-Madison	Developing New Proximity Labeling Catalysts by Merging Abiotic and Biological Chemistry
11/12/2025	12:00 PM	3571 WIMR II	David Ehrlich, Integrative Biology, UW-Madison	Credit Assignment through Critical Period Plasticity
11/13/2025	12:00 PM	3571 WIMR II	Kristine Krug, Otto-von-Guericke University Magdeburg, Germany	Cortical Codes for Generating Three-Dimensional Experience
12/3/2025	12:00 PM	3571 WIMR II	Tyler Ulland, Pathology, UW-Madison	Modifying the Neuroimmune Response in Alzheimer's Disease
12/10/2025	1:00 PM	3571 WIMR II	Andre M.M. Sousa, Neuroscience, UW-Madison	Multimodal Analyses of Prefrontal Cortical Development, Evolution, and Disease
12/15/2025	11:00 AM	Zoom	BIG10 Neuroscience Series - Wang Zheng, Neuroscience, UW-Madison	Structural and Functional Basis of Mechanosensitive TMEM63 Channelopathies
12/15/2025	11:30 AM	Zoom	BIG10 Neuroscience Series - Nikunj Mehta (Chapman Lab HHMI), UW-Madison	Liquid or solid? How the Physical State of Splice Variants of Synaptotagmin 7 Tunes Neurotransmission