

MONDAY, NOVEMBER 8	
7:30–8:30 a.m. CST	Virtual Networking Events and Virtual Product Demos
8:30–9:30 a.m. CST	Presidential Special Panel — COVID and the Brain Panel <b>Panelists:</b> Igor Koralnik, MD, and Serena Spudich, MD
9:30–10:30 a.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
10–10:45 a.m. CST	Special Lecture — Dentate Gyrus Circuits for Encoding, Retrieval, and Discrimination of Episodic Memories <b>Lecturer:</b> Marlene Bartos, PhD
10–10:45 a.m. CST	Special Lecture — Learning From Prediction Error <b>Lecturer:</b> Reza Shadmehr, PhD
10:45–11:45 a.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
11–11:45 a.m. CST	Clinical Neuroscience Lecture — Expanding Mechanisms and Therapeutic Targets for Neurodegenerative Disease <b>Lecturer:</b> Aaron Gitler, PhD
11–11:45 a.m. CST	Special Lecture — The Assembly and Function of Hippocampal Circuits <b>Lecturer:</b> Rosa Cossart, PhD
Noon–1 p.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
Noon–1 p.m. CST	Then and Now Panel — A Conversation About 40 Years on Different Routes to the Same Destination <b>50th</b> <b>Moderator:</b> Elizabeth Phelps, PhD <b>Panelists:</b> Michael Gazzaniga, PhD; Joseph E. LeDoux, PhD
Noon–1 p.m. CST	Celebration of Women in Neuroscience Session <b>50th</b> <b>Moderator:</b> Diane Lipscombe, PhD <b>Panelists:</b> Carmen Sandi, PhD; Shubha P. Tole, PhD; Nora Volkow, MD
1–3:30 p.m. CST	Graduate School Fair
1–3:30 p.m. CST	Poster Session Group Discussions
1–3:30 p.m. CST	Virtual Exhibits
3:30–4:30 p.m. CST	Presidential Special Lecture — Spinal Cord Gateways to Restore Neurological Functions <b>Lecturer:</b> Gregoire Courtine, PhD
4:30–5:30 p.m. CST	Virtual Networking Events and Virtual Product Demos
TUESDAY, NOVEMBER 9	
7:30–8:30 a.m. CST	Virtual Networking Events and Virtual Product Demos
8:30 a.m.–noon CST	Graduate School Fair
8:30 a.m.–noon CST	Poster Session Group Discussions
8:30 a.m.–noon CST	Virtual Exhibits
Noon–1 p.m. CST	Then and Now Panel — What Makes a Model Nervous System? <b>50th</b> <b>Chair:</b> Michael M. Yartsev, PhD <b>Panelists:</b> Erich D. Jarvis, PhD; Catharine H. Rankin, PhD; Joshua Rosenthal, PhD

# SCHEDULE AT A GLANCE

Noon–1 p.m. CST	Dual Perspectives — What Does Dopamine Encode? <b>Moderator: Patricia Janak, PhD</b> <b>Panelists: Ilana Witten, PhD; Wolfram Schultz, MD</b>
Noon–1 p.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
1:15–2:15 p.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
1:30–2:15 p.m. CST	David Kopf Neuroethics Lecture — The Law and Neuroprosthetics <b>Lecturer: Jennifer Chandler, JD, LL.M.</b>
1:30–2:15 p.m. CST	Special Lecture — Watching the Brain in Action — Creating Tools for Functional Analysis of Neural Circuitry <b>Lecturer: Lin Tian, PhD</b>
2:30–3:15 p.m. CST	Albert and Ellen Grass Lecture — From the Neuroscience of Individual Variability to Climate Change <b>Lecturer: Eve Marder, PhD</b>
2:30–3:15 p.m. CST	Special Lecture — The Mysteries of Sleep — Toward the Molecular Substrate for "Sleepiness" <b>Lecturer: Masashi Yanagisawa, MD, PhD</b>
2:30–3:30 p.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
3:30–4:30 p.m. CST	Dialogues Between Neuroscience and Society — Life of a Neuron <b>Lecturer: Sandro Kereselidze</b>
4:30–5:30 p.m. CST	Virtual Networking Events and Virtual Product Demos
<b>WEDNESDAY, NOVEMBER 10</b>	
7:30–8:30 a.m. CST	Virtual Networking Events and Virtual Product Demos
8:30–9:30 a.m. CST	Presidential Special Lecture — From Development to Repair — How Growth Factors and Stem Cells Build the Brain <b>Lecturer: Freda Miller, PhD</b>
9:30–10:30 a.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
10–10:45 a.m. CST	Special Lecture — Themes and Variations — Circuit Mechanisms of Behavioral Evolution <b>Lecturer: Vanessa Ruta, PhD</b>
10–10:45 a.m. CST	Special Lecture — Lineage-Dependent Assembly of the Neocortex <b>Lecturer: Song-Hai Shi, PhD</b>
10:45–11:45 a.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
11–11:45 a.m. CST	Special Lecture — Proteins, Synapses, and Memory — Local Translation of mRNAs in Neurons <b>Lecturer: Erin Schuman, PhD</b>
11–11:45 a.m. CST	Special Lecture — Neuronal Mechanisms of Value-Based Decision-Making — A Brain-Machine Interface Approach <b>Lecturer: Joni Wallis, PhD</b>
Noon–1 p.m. CST	Dual Perspectives — Can Artificial Intelligence (AI) Provide a Theoretical Framework For Understanding the Brain or Is It Too Far Removed From Physiology To Be Useful? <b>Moderator: Anthony M. Zador, MD, PhD</b>
Noon–1 p.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
Noon–1:30 p.m. CST	Storytelling Session — Oh Sh*t — Great Scientists Tell Stories About Their Greatest Failures <b>50th</b> <b>Chair: Megan Hagenauer, PhD; Host: Stuart J. Firestein, PhD</b> <b>Panelists: John F. Cryan, PhD; Andre A. Fenton, PhD; A. David Redish, PhD; Vidiya A. Vaidya, PhD; Nora D. Volkow, MD</b>

# SCHEDULE AT A GLANCE

Noon–1:30 p.m. CST	Peter and Patricia Gruber Lecture — Neurogenetics — From Perception to Cognition <b>Lecturers: Christine Petit, MD, PhD, and Christopher Walsh, MD, PhD</b>
1:30–2:30 p.m. CST	SfN Members' Business Meeting
1:30–4:30 p.m. CST	Graduate School Fair
1:30–4:30 p.m. CST	Poster Session Group Discussions
1:30–4:30 p.m. CST	Virtual Exhibits
4:30–5:30 p.m. CST	Virtual Networking Events and Virtual Product Demos
<b>THURSDAY, NOVEMBER 11</b>	
7:30–8:30 a.m. CST	Virtual Networking Events and Virtual Product Demos
8:30 a.m.–noon CST	Graduate School Fair
8:30 a.m.–noon CST	Poster Session Group Discussions
8:30 a.m.–noon CST	Virtual Exhibits
Noon–1 p.m. CST	Dual Perspectives — Studying Human Neurodevelopment and Diseases Using 3D Organoids <b>50th</b> <b>Moderator: Marina Picciotto, PhD</b> <b>Panelists: Kristen Brennand, PhD; Sergiu P. Pasca, MD</b>
Noon–1 p.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
1:15–2:15 p.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
1:30–2:15 p.m. CST	Special Lecture — Stress Contagion, Shadows, and Synaptic Imprinting <b>Lecturer: Jaideep Bains, PhD</b>
1:30–2:15 p.m. CST	Special Lecture — Itchy and Scratchy — Molecular and Cellular Mechanisms of Acute and Chronic Itch <b>Lecturer: Diana Bautista, PhD</b>
2:30–3:15 p.m. CST	History of Neuroscience — A New Department, a New Transmitter Compound, a War and a Movement — The 1960s to the Present of a Neurobiology Career <b>50th</b> <b>Lecturer: Edward Kravitz, PhD</b>
2:30–3:15 p.m. CST	Special Lecture — Brain Mechanisms Underlying the Vulnerability for Compulsive Drug Use <b>Lecturer: Veronica Alvarez, PhD</b>
2:30–3:30 p.m. CST	Symposia / Minisymposia Panel Discussions and Q&A
3:30–4:30 p.m. CST	Presidential Special Lecture — Integration of Mind and Metabolism <b>Lecturer: Dana Small, PhD</b>
4:30–5:30 p.m. CST	Virtual Networking Events and Virtual Product Demos
<b>FRIDAY, NOVEMBER 12</b>	
All Day	Virtual Networking Events