

# LIST OF SESSIONS BY THEME AND DAY

All posters will be presented in the Walter E. Washington Convention Center: Halls A–C. All lecture, symposium, minisymposium, and nanosymposium rooms are also in the convention center.

Note: Theme J posters will be on display in Hall A beginning at 1 p.m. on Saturday, Nov. 11 and will remain posted until 5 p.m. on Sunday, Nov. 12. One-hour presentation times will occur either Saturday afternoon or Sunday morning.

## THEME DESCRIPTIONS

A Development	D Sensory Systems	H Cognition
B Neural Excitability, Synapses, and Glia	E Motor Systems	I Techniques
C Neurodegenerative Disorders and Injury	F Integrative Physiology and Behavior	J History and Education
	G Motivation and Emotion	

SESSION #	SESSION TITLE	SESSION TYPE	LOCATION	TIME	CME HOURS
<b>FEATURED LECTURE / SATURDAY, NOV. 11</b>					
001	Dialogues Between Neuroscience and Society	Lecture	Hall D	11 a.m.–1 p.m.	
009	Presidential Special Lecture: Insights From Nonhuman Animals Into the Neurobiology of Language	Lecture	Hall D	5:15–6:30 p.m.	1.25
<b>FEATURED LECTURE / SUNDAY, NOV. 12</b>					
184	Peter and Patricia Gruber Lecture: Assembling Neural Circuits: Cells and Synapses	Lecture	Hall D	2:30–3:40 p.m.	
185	Presidential Special Lecture: Illuminating Neurobiology at the Nanoscale and Systems Scale by Imaging	Lecture	Hall D	5:15–6:30 p.m.	1.25
<b>FEATURED LECTURE / MONDAY, NOV. 13</b>					
269	David Kopf Lecture on Neuroethics: The Fallacy of Fairness: Diversity in Academic Science	Lecture	Hall D	10–11:10 a.m.	
353	Albert and Ellen Grass Lecture: On Balance: Fine-Tuning Protein Levels for Neurological Health	Lecture	Hall D	3:15–4:25 p.m.	1.25
354	Presidential Special Lecture: The Gut Microbiota and Childhood Undernutrition: Looking at Human Development from a Microbial Perspective	Lecture	Hall D	5:15–6:30 p.m.	1.25
<b>FEATURED LECTURE / TUESDAY, NOV. 14</b>					
540	History of Neuroscience Lecture: Neuronal Migration and Brain Map Formation During Evolution, Development, and Disease	Lecture	Hall D	2:30–3:40 p.m.	
541	Presidential Special Lecture: Polymorphous Polygenicity: The Story of the Genome in Schizophrenia	Lecture	Hall D	5:15–6:30 p.m.	1.25

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
<b>THEME A: DEVELOPMENT / SATURDAY, NOV. 11</b>						
005	Short-Circuiting Neurodevelopmental Disorders: Novel Insights and Treatment Strategies	Minisymposium		Ballroom C	1:30–4 p.m.	2.5
010	Stem Cell Reprogramming and Differentiation	Nanosymposium		150A	1–3:30 p.m.	
029	Genetic Mechanisms of Neurogenesis	Poster	A1–A10	Halls A–C	1–5 p.m.	
030	Glial Modulation of Neurogenesis	Poster	B1–B21	Halls A–C	1–5 p.m.	
031	Adult Hippocampal Neurogenesis: Molecular Mechanisms and Behavior	Poster	B22–B42	Halls A–C	1–5 p.m.	
032	iPSCs: Disease Models	Poster	B43–C6	Halls A–C	1–5 p.m.	
033	Axon Growth and Guidance: Extrinsic Mechanisms	Poster	C7–C19	Halls A–C	1–5 p.m.	
034	Autism: Behavioral Analysis	Poster	C20–C38	Halls A–C	1–5 p.m.	
035	Neurodevelopmental Disorders: Transmitter Systems	Poster	C39–C49	Halls A–C	1–5 p.m.	
036	Brain Evolution	Poster	C50–D14	Halls A–C	1–5 p.m.	
<b>THEME A: DEVELOPMENT / SUNDAY, NOV. 12</b>						
096	Developmental Origins of Neuronal Diversity in the Cerebral Cortex	Symposium		Ballroom B	8:30–11 a.m.	2.5
103	iPSCs: Disease Models I	Nanosymposium		152A	8–10:45 a.m.	
104	iPSCs: Disease Models II	Nanosymposium		140A	8–10:15 a.m.	
114	Neural Progenitor and Stem Cell Development	Poster	A1–B8	Halls A–C	8 a.m.–noon	
115	Postnatal Neurogenesis: Environmental and Pharmacological Modification	Poster	B9–B37	Halls A–C	8 a.m.–noon	
116	Neural Circuit Maturation and Remodeling I	Poster	B38–C2	Halls A–C	8 a.m.–noon	
117	Cellular and Molecular Mechanisms of Autism	Poster	C3–C15	Halls A–C	8 a.m.–noon	
118	Fragile X: Mechanisms of Pathophysiology	Poster	C16–C41	Halls A–C	8 a.m.–noon	
119	Neurodevelopmental Disorders: Behavioral Studies	Poster	C42–C63	Halls A–C	8 a.m.–noon	
120	Neurodevelopmental Disorders: Human Studies	Poster	D1–D25	Halls A–C	8 a.m.–noon	
121	Animal Models: Impact of Environment on the Brain	Poster	D26–D46	Halls A–C	8 a.m.–noon	
177	Genetic Dissection of Neural Circuit Assembly and Organization	Lecture		Hall D	1–2:10 p.m.	1.25
186	Neurodevelopmental Disorders: Mechanisms	Nanosymposium		152A	1–4:30 p.m.	
197	Neuronal Differentiation Mechanisms	Poster	A1–B11	Halls A–C	1–5 p.m.	
198	Axon: Adhesion and Cytoskeleton	Poster	B12–B26	Halls A–C	1–5 p.m.	
199	Axon: Intrinsic Mechanisms	Poster	B27–B53	Halls A–C	1–5 p.m.	
<b>THEME A: DEVELOPMENT / MONDAY, NOV. 13</b>						
262	Impact of Zika Virus Infection in the Nervous System and Its Underlying Mechanisms	Symposium		Ballroom A	8:30–11 a.m.	2.5
271	Cellular Mechanisms in Neurogenesis	Nanosymposium		152B	8–9:45 a.m.	
272	Postnatal Neurogenesis and Stem Cell Functions	Nanosymposium		146C	8–10 a.m.	
273	Transplantation and Regeneration	Nanosymposium		147B	8–10 a.m.	
282	Fate Specification and Generation of Neuronal Diversity	Poster	A1–B13	Halls A–C	8 a.m.–noon	
283	Autism Genetic Models	Poster	B14–B42	Halls A–C	8 a.m.–noon	
284	Neurodevelopmental Disorders: Environmental Exposures	Poster	B43–C4	Halls A–C	8 a.m.–noon	
285	Development of Visual, Auditory, and Somatosensory Circuits	Poster	C5–C30	Halls A–C	8 a.m.–noon	
366	Fate Specification and Development of Glia	Poster	A1–B1	Halls A–C	1–5 p.m.	
367	Dendrite Growth and Branching	Poster	B2–C25	Halls A–C	1–5 p.m.	
368	Synapse Formation	Poster	B26–B55	Halls A–C	1–5 p.m.	
369	Autism: Physiology and Systems	Poster	B56–C13	Halls A–C	1–5 p.m.	
370	Rett Syndrome and MECP2	Poster	C14–C25	Halls A–C	1–5 p.m.	
371	Imaging of Human Brain Maturation and Mental Health	Poster	C26–C48	Halls A–C	1–5 p.m.	
372	Insights Into Developmental Vulnerabilities	Poster	C49–C59	Halls A–C	1–5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
<b>THEME A: DEVELOPMENT / TUESDAY, NOV. 14</b>						
442	The Structure and Function of Specific Cell-Cell Interactions in Neural Development: Protocadherins and Atypical Cadherins	Minisymposium		145B	8:30–11 a.m.	2.5
448	Neuronal Differentiation Mechanisms	Nanosymposium		156	8–11:15 a.m.	
449	Dendrite Morphogenesis	Nanosymposium		152A	8–10:15 a.m.	
450	Advances in Understanding Rett Syndrome Pathophysiology	Nanosymposium		140A	8–11:15 a.m.	
459	Cell Cycle Mechanisms in Neurogenesis I	Poster	A1–A10	Halls A–C	8 a.m.–noon	
460	Migration During Neurogenesis	Poster	B1–B18	Halls A–C	8 a.m.–noon	
461	Stem Cell Applications and Neural Reprograming	Poster	B19–B43	Halls A–C	8 a.m.–noon	
462	Autism: Environment and Pathology	Poster	B44–C1	Halls A–C	8 a.m.–noon	
463	Neurodevelopmental Disorders: Molecular and Cellular Mechanisms I	Poster	C2–C27	Halls A–C	8 a.m.–noon	
464	Animal Models of Brain: Environment Interactions	Poster	C28–C46	Halls A–C	8 a.m.–noon	
534	Social Origins of Developmental Risk for Mental and Physical Illnesses	Symposium		Ballroom A	1:30–4 p.m.	2.5
553	Synapse Maturation	Poster	A1–B7	Halls A–C	1–5 p.m.	
554	Neural Circuit Maturation and Remodeling II	Poster	B8–B28	Halls A–C	1–5 p.m.	
555	Genetics of Neurodevelopmental Disease	Poster	B29–B39	Halls A–C	1–5 p.m.	
556	Fragile X: Disease Predictors and Treatments	Poster	B40–B52	Halls A–C	1–5 p.m.	
557	Neurodevelopmental Disorders: Models and Mechanisms	Poster	B53–C17	Halls A–C	1–5 p.m.	
<b>THEME A: DEVELOPMENT / WEDNESDAY, NOV. 15</b>						
633	Epigenetic Etiology of Intellectual Disability	Minisymposium		151B	8:30–11 a.m.	2.5
637	Brain Evolution	Nanosymposium		146C	8–9:45 a.m.	
648	Cell Cycle Mechanisms in Neurogenesis II	Poster	A1–A10	Halls A–C	8 a.m.–noon	
649	Adult and Developmental Neurogenesis	Poster	B1–B19	Halls A–C	8 a.m.–noon	
650	Postnatal Neurogenesis in an Array of Models	Poster	B20–B31	Halls A–C	8 a.m.–noon	
651	Modeling Neurodevelopmental Disease	Poster	B32–B59	Halls A–C	8 a.m.–noon	
652	Autism: Synapses and Circuits	Poster	B60–C12	Halls A–C	8 a.m.–noon	
653	Neurodevelopmental Disorders: Molecular and Cellular Mechanisms II	Poster	C13–C40	Halls A–C	8 a.m.–noon	
654	Development of Olfactory and Taste Circuits	Poster	C40–C54	Halls A–C	8 a.m.–noon	
655	Limbic System Development	Poster	C55–D3	Halls A–C	8 a.m.–noon	
656	Comparative Neuroanatomy, Physiology, and Behavior	Poster	D4–D12	Halls A–C	8 a.m.–noon	
722	Neuroepigenetic Pathways in Learning and Memory in Mouse and Ant	Lecture		Hall D	1–2:10 p.m.	1.25
728	Autism: Physiology and Behavior	Nanosymposium		152A	1–3:15 p.m.	
740	Transplantation for Neural Repair	Poster	A1–B7	Halls A–C	1–5 p.m.	
741	Regeneration in the Peripheral Nervous System	Poster	B8–B21	Halls A–C	1–5 p.m.	
742	Transplantation and Regeneration	Poster	B22–B43	Halls A–C	1–5 p.m.	
<b>THEME B: NEURAL EXCITABILITY, SYNAPSES, AND GLIA / SATURDAY, NOV. 11</b>						
011	Autophagy and Degradation	Nanosymposium		150B	1–2:45 p.m.	
037	Nicotinic Acetylcholine Receptors: Structure and Regulation	Poster	D15–D25	Halls A–C	1–5 p.m.	
038	GPCRs: 5-HT, mGlu, and Other Metabotropic Receptors	Poster	D26–D49	Halls A–C	1–5 p.m.	
039	Cholinergic Modulation	Poster	D50–D60	Halls A–C	1–5 p.m.	
040	LTP: Pre- and Postsynaptic Mechanisms I	Poster	D61–F1	Halls A–C	1–5 p.m.	
041	Long-Term Depression	Poster	F2–G7	Halls A–C	1–5 p.m.	
042	Effects of Neuron and Glia Interaction	Poster	G8–J4	Halls A–C	1–5 p.m.	
043	Role of Glia in Synapse Formation and Function	Poster	J5–7	Halls A–C	1–5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
<b>THEME B: NEURAL EXCITABILITY, SYNAPSES, AND GLIA / SUNDAY, NOV. 12</b>						
097	Big News From a Little Region: Hippocampal Area CA2	Minisymposium		Ballroom C	8:30–11 a.m.	2.5
122	HCN, TRP, and Other Ion Channels	Poster	D47–E6	Halls A–C	8 a.m.–noon	
123	Structural Plasticity: Spines	Poster	E7–F8	Halls A–C	8 a.m.–noon	
124	Epilepsy: Anticonvulsant Therapies: Novel Interventions, Strategies, and Mechanisms	Poster	F9–H3	Halls A–C	8 a.m.–noon	
125	Molecular and Cellular Mechanisms of Demyelination and Remyelination	Poster	H4–I9	Halls A–C	8 a.m.–noon	
181	Emerging Mechanisms Underlying Dynamics of Gabaergic Synapses	Minisymposium		145B	1:30–4 p.m.	2.5
187	Current Perspectives on Homeostatic Plasticity and Activity-Dependent Remodeling	Nanosymposium		140A	1–3 p.m.	
200	GABAA and Other Ligand-Gated Ion Channels	Poster	B54–C17	Halls A–C	1–5 p.m.	
201	Structural Plasticity: Circuit Function	Poster	C18–C33	Halls A–C	1–5 p.m.	
202	Neuronal Firing Properties and Regulation	Poster	C34–C54	Halls A–C	1–5 p.m.	
203	Epilepsy: Channels — Ion Channels and Receptors	Poster	C55–D1	Halls A–C	1–5 p.m.	
204	Epilepsy: <i>In Vivo</i> and Behavior — Identifying and Targeting Seizure Mechanisms	Poster	D2–D11	Halls A–C	1–5 p.m.	
205	Epilepsy: Human Studies — Seizure Analysis and Modeling	Poster	D12–D38	Halls A–C	1–5 p.m.	
206	Astrocytes: Disease Mechanisms	Poster	D39–E2	Halls A–C	1–5 p.m.	
<b>THEME B: NEURAL EXCITABILITY, SYNAPSES, AND GLIA / MONDAY, NOV. 13</b>						
263	Assembly and Maintenance of the Peripheral Nerve Node of Ranvier in Development, Health, and Disease	Symposium		146A	8:30–11 a.m.	2.5
274	Cellular and Subcellular Synapse Organization: From Super-Resolution Imaging to Circuit Function	Nanosymposium		140A	8–10 a.m.	
286	Monamines	Poster	C31–C59	Halls A–C	8 a.m.–noon	
287	GPCRs: Metabotropic Glutamate Receptors and Muscarinic Acetylcholine Receptors	Poster	C60–D21	Halls A–C	8 a.m.–noon	
288	Sodium Channels	Poster	D22–D49	Halls A–C	8 a.m.–noon	
289	Monamine Transporters	Poster	D50–E7	Halls A–C	8 a.m.–noon	
290	LTP: Pre- and Postsynaptic Mechanisms II	Poster	E8–G1	Halls A–C	8 a.m.–noon	
291	Signal Propagation	Poster	G2–H6	Halls A–C	8 a.m.–noon	
292	Epilepsy: Synaptic Mechanisms	Poster	H7–J5	Halls A–C	8 a.m.–noon	
293	Epilepsy: Animal Models: Consciousness, Novel Models, and Mechanisms	Poster	J6–K7	Halls A–C	8 a.m.–noon	
294	Epilepsy: Animal Models — Genetic Strategies, Optogenetics, and Mechanisms	Poster	K8–M8	Halls A–C	8 a.m.–noon	
295	Biology of Microglia	Poster	M9–O7	Halls A–C	8 a.m.–noon	
296	Oligodendrocyte and Schwann Cells Development and Myelination	Poster	O8–P9	Halls A–C	8 a.m.–noon	
355	Presynaptic Mechanisms	Nanosymposium		147B	1–2:45 p.m.	
373	Regulation and Function of Neurotrophic Factors	Poster	C60–D15	Halls A–C	1–5 p.m.	
374	NMDA Receptors I	Poster	D16–D39	Halls A–C	1–5 p.m.	
375	Potassium Channels I	Poster	D40–E6	Halls A–C	1–5 p.m.	
376	Potassium Channels II	Poster	E7–F6	Halls A–C	1–5 p.m.	
377	Synaptic and Dendritic Integration	Poster	F7–G9	Halls A–C	1–5 p.m.	
378	Neuronal Physiology	Poster	G10–J7	Halls A–C	1–5 p.m.	
379	Homeostatic Synaptic Plasticity: Cellular and Model Systems	Poster	J8–K8	Halls A–C	1–5 p.m.	
380	Dendritic Properties and Activity	Poster	K9–L10	Halls A–C	1–5 p.m.	
381	Network Interactions: Other	Poster	M1–O8	Halls A–C	1–5 p.m.	
382	Epilepsy: Networks — Human and Animal Studies	Poster	O9–Q1	Halls A–C	1–5 p.m.	
383	Epilepsy: EEG signatures and Animal models	Poster	Q2–R4	Halls A–C	1–5 p.m.	
384	Astrocytes	Poster	R5–U8	Halls A–C	1–5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
<b>THEME B: NEURAL EXCITABILITY, SYNAPSES, AND GLIA / TUESDAY, NOV. 14</b>						
438	Bridge Over Troubled Synapses: C1q Proteins, Glut Receptors, and Beyond	Lecture		Hall D	8:30–9:40 a.m.	1.25
451	Astrocytes: Disease Mechanisms	Nanosymposium		150B	8–9:45 a.m.	
465	Nicotinic Acetylcholine Receptors: Physiology and Function	Poster	C47–D2	Halls A–C	8 a.m.–noon	
466	Non-NMDA Receptors	Poster	D3–D15	Halls A–C	8 a.m.–noon	
467	Calcium Channel Modulation	Poster	D16–D30	Halls A–C	8 a.m.–noon	
468	Calcium Channels	Poster	D31–D50	Halls A–C	8 a.m.–noon	
469	CNS Co-Transporters	Poster	D51–D61	Halls A–C	8 a.m.–noon	
470	Synaptic Connectivity: Organization and Function	Poster	D62–F3	Halls A–C	8 a.m.–noon	
471	Short-Term Plasticity	Poster	F4–G6	Halls A–C	8 a.m.–noon	
472	Transcription and Translation in Plasticity: Gene Expression	Poster	G7–I6	Halls A–C	8 a.m.–noon	
473	Transcription and Translation in Plasticity: mRNA and Protein Dynamics	Poster	I7–J10	Halls A–C	8 a.m.–noon	
474	Hippocampal and Entorhinal Neuronal Activity and Firing Properties	Poster	J11–L6	Halls A–C	8 a.m.–noon	
475	Demyelinating Disorders: Mechanisms and Treatment	Poster	L7–N9	Halls A–C	8 a.m.–noon	
536	Unconventional NMDA Receptor Signalling	Symposium		Ballroom C	1:30–4 p.m.	2.5
542	Control of Neuronal Firing	Nanosymposium		150A	1–3:30 p.m.	
558	NMDA Receptors II	Poster	C18–C34	Halls A–C	1–5 p.m.	
559	Amino Acid Transporters	Poster	C35–C51	Halls A–C	1–5 p.m.	
560	Epilepsy: Genetics — Phenotype Modelling of Human Mutations	Poster	C52–D3	Halls A–C	1–5 p.m.	
561	Epilepsy: Post-Seizure Modifications — Novel Genes and Inflammation	Poster	D4–D13	Halls A–C	1–5 p.m.	
562	Epilepsy: <i>In Vivo</i> and Behavior — <i>In Vivo</i> Imaging, Seizure Mapping, and Mechanisms	Poster	D14–D26	Halls A–C	1–5 p.m.	
563	Epilepsy: Interneurons and Animal Models	Poster	D27–D36	Halls A–C	1–5 p.m.	
564	Microglia in Disease	Poster	D37–D62	Halls A–C	1–5 p.m.	
565	Oligodendrocytes	Poster	D63–F5	Halls A–C	1–5 p.m.	
566	Brain Tumor Biology	Poster	F6–H10	Halls A–C	1–5 p.m.	
<b>THEME B: NEURAL EXCITABILITY, SYNAPSES, AND GLIA / WEDNESDAY, NOV. 15</b>						
631	The Dentate Gyrus: From Microcircuit Function to Information Processing During Behavior	Minisymposium		145B	8:30–11 a.m.	2.5
635	Spontaneous Activity in Developing Sensory Systems	Lecture		Hall D	10–11:10 a.m.	1.25
657	Peptide Receptors	Poster	D13–D25	Halls A–C	8 a.m.–noon	
658	Postsynaptic Receptors and Scaffolds	Poster	D26–D45	Halls A–C	8 a.m.–noon	
659	Central Modulation	Poster	D46–E12	Halls A–C	8 a.m.–noon	
660	Spike Timing Dependent Plasticity	Poster	F1–F12	Halls A–C	8 a.m.–noon	
661	Homeostatic Synaptic Plasticity: <i>In Vivo</i> Activity Manipulation	Poster	G1–H5	Halls A–C	8 a.m.–noon	
662	Structural Plasticity: Cellular	Poster	H6–J3	Halls A–C	8 a.m.–noon	
663	Synaptic and Neuronal Plasticity Mechanisms	Poster	J4–K12	Halls A–C	8 a.m.–noon	
664	Networks: Thalamus, Cortex, and Brainstem	Poster	L1–M2	Halls A–C	8 a.m.–noon	
665	Epilepsy: Anticonvulsant Therapies — Novel Screens, Drugs, and Mechanisms	Poster	M3–O3	Halls A–C	8 a.m.–noon	
726	Dendritic Computation: Linking Dendritic Mechanisms to Circuits and Behavior	Minisymposium		146A	1:30–4 p.m.	2.5
743	Opiates, Cytokines, and Other Neuropeptides	Poster	B44–B60	Halls A–C	1–5 p.m.	
744	GABAA Receptors	Poster	B61–C13	Halls A–C	1–5 p.m.	
745	Transmitters and Messengers	Poster	C14–C23	Halls A–C	1–5 p.m.	
746	Presynaptic Structure and Function	Poster	C24–C49	Halls A–C	1–5 p.m.	
747	Presynaptic Ultrastructure and Calcium Channels	Poster	C50–C55	Halls A–C	1–5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
748	Presynaptic Organization	Poster	C56–D9	Halls A–C	1–5 p.m.	
749	LTP: Kinases and Intracellular Mechanisms	Poster	D10–D34	Halls A–C	1–5 p.m.	
750	Forebrain Neuron Cell Types and Firing Properties	Poster	D35–D46	Halls A–C	1–5 p.m.	
751	Oscillations and Synchrony: Unit Studies	Poster	D47–D61	Halls A–C	1–5 p.m.	
752	Oscillations and Synchrony: EEG Studies	Poster	D62–F7	Halls A–C	1–5 p.m.	
753	Oscillations and Synchrony: LFP Studies	Poster	F8–H5	Halls A–C	1–5 p.m.	

### THEME C: NEURODEGENERATIVE DISORDERS AND INJURY / SATURDAY, NOV. 11

002	From Mechanisms of Neurogenesis to Neural Repair: Turning Scar-Forming Glia Into Neurons	Lecture		Hall D	2–3:10 p.m.	1.25
012	Cognitive Dysfunction in Alzheimer's Disease and Related Dementias	Nanosymposium		152B	1–3 p.m.	
013	Alpha-Synuclein, Tau, and PRP Aggregation and Transmission: Models and Therapeutics	Nanosymposium		140A	1–4:15 p.m.	
014	Neuroinflammation: Virus and Infections	Nanosymposium		147B	1–2:45 p.m.	
044	APP: Animal and Cellular Models	Poster	L8–O5	Halls A–C	1–5 p.m.	
045	Amyloid-Beta as a Therapeutic Target	Poster	O6–P6	Halls A–C	1–5 p.m.	
046	Tau: Animal and Cellular Models	Poster	P7–Q12	Halls A–C	1–5 p.m.	
047	Dopamine and Non-Dopamine Pathways in Parkinson's Disease Models	Poster	R1–T10	Halls A–C	1–5 p.m.	
048	Alpha-Synuclein Disease Models and Therapeutic Approaches	Poster	T11–V16	Halls A–C	1–5 p.m.	
049	Neuromuscular Diseases	Poster	V17–W2	Halls A–C	1–5 p.m.	
050	Neuroinflammation	Poster	W3–W26	Halls A–C	1–5 p.m.	
051	Stroke: Role of Non-Neuronal Cells and Other Factors in Pathogenesis	Poster	W27–X1	Halls A–C	1–5 p.m.	
052	Stroke: Automated Assessment, Treatment, and Rehabilitation Tools	Poster	X2–X29	Halls A–C	1–5 p.m.	
053	Spinal Cord Injury: Recovery and Repair	Poster	X30–Z5	Halls A–C	1–5 p.m.	

### THEME C: NEURODEGENERATIVE DISORDERS AND INJURY / SUNDAY, NOV. 12

095	The Role of RNA Biology in Neurological Disease	Symposium		Ballroom A	8:30–11 a.m.	2.5
105	Alzheimer's Disease and Neuroinflammation	Nanosymposium		152B	8–10:30 a.m.	
106	Stroke Rehab and Imaging: Novel Approaches	Nanosymposium		147A	8–11 a.m.	
107	Brain Injury: Cellular and Molecular Mechanisms	Nanosymposium		156	8–10:45 a.m.	
126	Alzheimer's Disease: Neuroinflammation and Immune Action	Poster	I10–K12	Halls A–C	8 a.m.–noon	
127	Preclinical Therapeutic Strategies for Neurodegenerative Disease I	Poster	L1–N1	Halls A–C	8 a.m.–noon	
128	Biomarkers for Alzheimer's Disease and Related Dementias	Poster	N2–P7	Halls A–C	8 a.m.–noon	
129	Cognitive Dysfunction in Alzheimer's Disease	Poster	P8–R4	Halls A–C	8 a.m.–noon	
130	Dopamine and Non-Dopamine Pathways in Parkinson's Disease	Poster	R5–T1	Halls A–C	8 a.m.–noon	
131	Alpha-Synuclein Aggregation and Transmission	Poster	T2–V7	Halls A–C	8 a.m.–noon	
132	Parkinson's Disease: Models, Mechanisms, and Targets	Poster	V8–V20	Halls A–C	8 a.m.–noon	
133	Parkinson's Disease: Rodent Toxin and Behavior Models	Poster	V21–W24	Halls A–C	8 a.m.–noon	
134	Dystonia	Poster	W25–X3	Halls A–C	8 a.m.–noon	
135	Motor Neuron Disease: <i>In vitro</i> Studies	Poster	X4–X28	Halls A–C	8 a.m.–noon	
136	Mechanisms of Neurodegeneration I	Poster	X29–Z7	Halls A–C	8 a.m.–noon	
137	Perinatal Ischemia	Poster	Z8–Z19	Halls A–C	8 a.m.–noon	
138	Therapeutic, Interventional, and Translational Studies in Ischemia	Poster	Z20–AA3	Halls A–C	8 a.m.–noon	
139	Brain Injury: Cellular Mechanisms	Poster	AA4–AA31	Halls A–C	8 a.m.–noon	
140	Animal Models of Brain Injury: Anatomy, Physiology, and Pathology	Poster	AA32–BB25	Halls A–C	8 a.m.–noon	
141	Brain: Animal Models of Brain Injury and Behaviors	Poster	BB26–CC15	Halls A–C	8 a.m.–noon	
142	Spinal Cord Injury: Stimulation and Rehabilitation	Poster	CC16–CC23	Halls A–C	8 a.m.–noon	
143	Spinal Cord Injury: Animal Models and Human Studies	Poster	DD1–DD23	Halls A–C	8 a.m.–noon	
178	Neuroimmune Interactions: A Status Change	Symposium		Ballroom A	1:30–4 p.m.	2.5
188	Novel Therapeutics for Neurodegenerative Disorders	Nanosymposium		146C	1–3:15 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
189	Parkinson's Disease: Human Therapeutic Studies	Nanosymposium		143A	1–3:45 p.m.	
190	Mechanisms of Neurotoxicity and Degeneration	Nanosymposium		147A	1–3 p.m.	
191	Spinal Cord Injury: Mechanisms and Repair	Nanosymposium		144A	1–4:30 p.m.	
207	Alzheimer's Disease: –Omics Approaches	Poster	E3–F8	Halls A–C	1–5 p.m.	
208	Synaptic Deficits in Alzheimer's Disease and Neurodegeneration I	Poster	F9–H6	Halls A–C	1–5 p.m.	
209	Parkinson's Disease: Neuroprotective Mechanisms	Poster	H7–I8	Halls A–C	1–5 p.m.	
210	Parkinson's Disease: Preclinical Therapeutic Development	Poster	I9–L3	Halls A–C	1–5 p.m.	
211	Parkinson's Disease: Human Therapeutic Studies	Poster	L4–N12	Halls A–C	1–5 p.m.	
212	Molecular Mechanisms of Huntington's Disease	Poster	O1–P1	Halls A–C	1–5 p.m.	
213	Ataxia	Poster	P2–R2	Halls A–C	1–5 p.m.	
214	Cell Biology of Ischemia	Poster	R3–S3	Halls A–C	1–5 p.m.	
215	Ischemia and Hemorrhage	Poster	S4–T10	Halls A–C	1–5 p.m.	
216	Traumatic Brain Injury: Human Studies I	Poster	T11–V1	Halls A–C	1–5 p.m.	
217	Traumatic Brain Injury: Therapeutic Interventions I	Poster	V2–W5	Halls A–C	1–5 p.m.	
218	Spinal Cord Injury: Models and Mechanisms	Poster	W6–W35	Halls A–C	1–5 p.m.	

### THEME C: NEURODEGENERATIVE DISORDERS AND INJURY / MONDAY, NOV. 13

268	Hearing Loss, Brain Function, and Healthy Aging	Basic–Translational Clinical Roundtable		206	8:30–11 a.m.	2.5
270	Clinical Neuroscience Lecture — Insights Into Neural Degeneration From <i>Drosophila</i> Genetics	Lecture		Hall D	11:30 a.m.– 12:40 p.m.	1.25
275	Proteinopathy Other Than Abeta and Tau	Nanosymposium		150B	8–10 a.m.	
276	Tauopathies	Nanosymposium		147A	8–10:15 a.m.	
297	Amyloid-Beta Tau Interaction	Poster	P10–Q9	Halls A–C	8 a.m.–noon	
298	Dementia: Proteinopathy and Pathology Other Than Abeta and Tau	Poster	Q10–R6	Halls A–C	8 a.m.–noon	
299	LRRK2 Mechanisms, Targets, and Pathways	Poster	R7–T7	Halls A–C	8 a.m.–noon	
300	Movement Disorders I	Poster	T8–U12	Halls A–C	8 a.m.–noon	
301	Motor Neuron Disease: Animal Models I	Poster	V1–V24	Halls A–C	8 a.m.–noon	
302	Mechanisms of Neuroprotection	Poster	V25–W28	Halls A–C	8 a.m.–noon	
303	Neuroinflammation: Animal Models	Poster	W29–X22	Halls A–C	8 a.m.–noon	
304	Neuroinflammation in Neurodegenerative Diseases	Poster	X23–Y16	Halls A–C	8 a.m.–noon	
305	Inflammation in Ischemia	Poster	Y17–Z12	Halls A–C	8 a.m.–noon	
306	Stroke: Imaging Assessments	Poster	Z13–Z27	Halls A–C	8 a.m.–noon	
307	Stroke: Neuroprotection	Poster	Z28–AA25	Halls A–C	8 a.m.–noon	
308	Spinal Cord Injury: Cellular and Molecular Mechanisms	Poster	AA26–BB19	Halls A–C	8 a.m.–noon	
349	<i>In Vivo</i> Imaging of CNS Injury and Disease	Minisymposium		Ballroom C	1:30–4 p.m.	2.5
356	APP and Tau: Animal and Cellular Models	Nanosymposium		147A	1–4:30 p.m.	
357	Amyloid-Beta Tau Interaction	Nanosymposium		152A	1–3 p.m.	
358	Synaptic Signaling Deficits in Alzheimer's Disease I	Nanosymposium		150B	1–3:45 p.m.	
359	LRRK2 Mechanisms, Targets, and Pathways	Nanosymposium		152B	1–3 p.m.	
385	Brain Wellness and Aging	Poster	U9–V25	Halls A–C	1–5 p.m.	
386	Alzheimer's Disease: Genetics and Functional Genomics	Poster	V26–W20	Halls A–C	1–5 p.m.	
387	Amyloid-Beta Biochemistry and Toxicity	Poster	W21–X6	Halls A–C	1–5 p.m.	
388	Cell Biology of Huntington's Disease I	Poster	X7–X33	Halls A–C	1–5 p.m.	
389	Movement Disorders II	Poster	Y1–Z1	Halls A–C	1–5 p.m.	
390	Glia-Neuronal Communication in Health and Disease	Poster	Z2–Z23	Halls A–C	1–5 p.m.	
391	Molecular Mechanisms of Ischemia	Poster	Z24–AA20	Halls A–C	1–5 p.m.	
392	Animal Models of Brain Injury: Molecular Mechanisms — Inflammation	Poster	AA21–BB8	Halls A–C	1–5 p.m.	
393	Animal Models of Brain Injury: Molecular Mechanisms, Biomarkers, and Pharmacology	Poster	BB9–CC10	Halls A–C	1–5 p.m.	
394	Traumatic Brain Injury: Human Studies II	Poster	CC11–C33	Halls A–C	1–5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
395	Traumatic Brain Injury: Therapeutic Interventions II	Poster	DD1–DD23	Halls A–C	1–5 p.m.	
396	CNS and PNS Injury and Therapeutics	Poster	DD24–EE15	Halls A–C	1–5 p.m.	
<b>THEME C: NEURODEGENERATIVE DISORDERS AND INJURY / TUESDAY, NOV. 14</b>						
439	Tau Homeostasis and Toxicity in Neurodegeneration	Symposium		Ballroom A	8:30–11 a.m.	2.5
445	Advances and Challenges in Deep Brain Stimulation	Basic–Translational Clinical Roundtable		206	8:30–11 a.m.	2.5
452	Cognitive Aging and Memory	Nanosymposium		143A	8–11:30 a.m.	
453	Alzheimer's Disease: Neuroinflammation and Immune Actions	Nanosymposium		146C	8–10:45 a.m.	
454	Preclinical Therapeutic Strategies for Neurodegenerative Disease I	Nanosymposium		144A	8–10:45 a.m.	
455	Alpha-Synuclein: Models and Mechanisms	Nanosymposium		147A	8–10:30 a.m.	
456	Application of Imaging Techniques in Neurodegenerative Diseases	Nanosymposium		152B	8–10:15 a.m.	
476	The Role of ApoE in Mechanisms of Neurotoxicity	Poster	N10–O10	Halls A–C	8 a.m.–noon	
477	Synaptic Deficits in Alzheimer's Disease and Neurodegeneration II	Poster	P1–Q11	Halls A–C	8 a.m.–noon	
478	Preclinical Therapeutic Strategies for Neurodegenerative Disease II	Poster	Q12–T11	Halls A–C	8 a.m.–noon	
479	Preclinical Therapeutic Strategies for Neurodegenerative Disease III	Poster	T12–V12	Halls A–C	8 a.m.–noon	
480	Parkinson's Disease: Human Diagnostics and Molecular Genetics	Poster	V13–W2	Halls A–C	8 a.m.–noon	
481	Motor Neuron Disease: Animal Models II	Poster	W3–W20	Halls A–C	8 a.m.–noon	
482	Neuroinflammation: Virus and Infections I	Poster	W21–X3	Halls A–C	8 a.m.–noon	
483	Recovery After Ischemia	Poster	X4–X18	Halls A–C	8 a.m.–noon	
543	Brain Wellness and Aging	Nanosymposium		143A	1–3:45 p.m.	
545	Synaptic Signaling Deficits in Alzheimer's Disease II	Nanosymposium		144A	1–3:45 p.m.	
546	Models, Mechanisms, and Modifiers of Amyotrophic Lateral Sclerosis (ALS)	Nanosymposium		146C	1–2:30	
547	Tautopathies: Mechanisms	Nanosymposium		140A	1–4:15 p.m.	
567	Alzheimer's Disease: Biochemistry Approaches and Mechanisms	Poster	H11–K2	Halls A–C	1–5 p.m.	
568	Tau Biochemistry and Physiology	Poster	K3–L2	Halls A–C	1–5 p.m.	
569	Neuroinflammation and Alzheimer's Disease	Poster	L3–M6	Halls A–C	1–5 p.m.	
570	Mechanisms of Alzheimer's Disease	Poster	M7–P5	Halls A–C	1–5 p.m.	
571	Alpha-Synuclein Normal Function	Poster	P6–Q4	Halls A–C	1–5 p.m.	
572	Parkinson's Disease: Neuroprotective Therapeutic Strategies	Poster	Q5–T1	Halls A–C	1–5 p.m.	
573	Parkinson's Disease: Therapeutic Strategies	Poster	T2–V1	Halls A–C	1–5 p.m.	
574	Cell Biology of Huntington's Disease II	Poster	V2–V15	Halls A–C	1–5 p.m.	
575	Animal Models of Huntington's Disease	Poster	V16–W6	Halls A–C	1–5 p.m.	
576	Mechanisms of Neurodegeneration II	Poster	W7–W36	Halls A–C	1–5 p.m.	
577	Brain and Neuronal Injury: Cellular and Molecular Mechanisms	Poster	X1–X19	Halls A–C	1–5 p.m.	
578	Spinal Cord Injury: Therapeutic Strategies	Poster	X20–Y16	Halls A–C	1–5 p.m.	
<b>THEME C: NEURODEGENERATIVE DISORDERS AND INJURY / WEDNESDAY, NOV. 15</b>						
628	Experimental Models Versus Reality of Neurological Disease	Symposium		Ballroom A	8:30–11 a.m.	2.5
638	Preclinical Therapeutic Strategies for Neurodegenerative Disease II	Nanosymposium		140A	8–10:45 a.m.	
639	Parkinson's Disease: Cell Biology, Mechanisms, and Targets	Nanosymposium		147B	8–10:30 a.m.	
640	Risk Factors for Diseases of the CNS	Nanosymposium		150B	8–10:15 a.m.	
666	Alzheimer's Disease: Biomarkers, Metabolism, and Proteomics	Poster	O4–Q6	Halls A–C	8 a.m.–noon	
667	Therapeutic Development for Neurodegenerative Diseases	Poster	Q7–T10	Halls A–C	8 a.m.–noon	
668	Parkinson's Disease: Circuit Mechanisms	Poster	T11–V5	Halls A–C	8 a.m.–noon	
669	Parkinson's Disease: Human Brain Imaging and Recording	Poster	V6–W8	Halls A–C	8 a.m.–noon	
670	Motor Neuron Disease: Therapeutics	Poster	W9–W35	Halls A–C	8 a.m.–noon	
671	Mitochondrial Dynamics and Function in Neurodegenerative Diseases	Poster	W36–X24	Halls A–C	8 a.m.–noon	
672	Mechanisms of Neurotoxicity	Poster	X25–Z4	Halls A–C	8 a.m.–noon	
673	Stroke: Functional Connectivity Changes in Animals and Humans	Poster	Z5–Z21	Halls A–C	8 a.m.–noon	



SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
674	Stroke: Non-Pharmacological Treatment and Activity-Dependent Plasticity and Recovery	Poster	Z22-AA5	Halls A-C	8 a.m.-noon	
675	Traumatic Brain Injury: Therapeutic Interventions III	Poster	AA6-AA20	Halls A-C	8 a.m.-noon	
676	Peripheral Nerve Injury and Repair	Poster	AA21-BB11	Halls A-C	8 a.m.-noon	
677	Tauopathies, Tau-Dementias, and Prion Diseases II	Poster	BB12-BB27	Halls A-C	8 a.m.-noon	
678	Tauopathies, Tau-Dementias, and Prion Diseases I	Poster	CC1-CC25	Halls A-C	8 a.m.-noon	
723	Illuminating Neural Circuits: From Molecules to MRI	Symposium		Ballroom A	1:30-4 p.m.	2.5
729	Protective and Pathogenetic Mechanisms in Alzheimer's Disease	Nanosymposium		140A	1-4 p.m.	
730	Amyloid-Beta and Tau Biochemistry and Toxicity	Nanosymposium		150A	1-4 p.m.	
731	Motor Neuron Disease Mechanisms	Nanosymposium		150B	1-3:30 p.m.	
754	Brain Wellness	Poster	H6-J12	Halls A-C	1-5 p.m.	
755	Alzheimer's Disease: APP and Its Processing	Poster	K1-L6	Halls A-C	1-5 p.m.	
756	Imaging Studies in Neurodegenerative Diseases	Poster	L7-M10	Halls A-C	1-5 p.m.	
757	Cellular Mechanisms of Parkinson's Disease I	Poster	N1-P1	Halls A-C	1-5 p.m.	
758	Cellular Mechanisms of Parkinson's Disease II	Poster	P2-R1	Halls A-C	1-5 p.m.	
759	The Pathogenesis Mechanisms of Mitochondria in Parkinson's Disease	Poster	R2-T3	Halls A-C	1-5 p.m.	
760	ALS: Disease Mechanisms	Poster	T4-U12	Halls A-C	1-5 p.m.	
761	Neuroinflammation: Disease Models	Poster	V1-W1	Halls A-C	1-5 p.m.	
762	Neuroinflammation: Activation, Inhibition, and Depletion	Poster	W2-W26	Halls A-C	1-5 p.m.	
763	Neuroinflammation: Beyond Microglia	Poster	W27-X14	Halls A-C	1-5 p.m.	
764	Neuroinflammation: Virus and Infections II	Poster	X15-X31	Halls A-C	1-5 p.m.	
765	Stroke: Molecular Targets, Pathogenesis, and Recovery	Poster	X32-Z5	Halls A-C	1-5 p.m.	
<b>THEME D: SENSORY SYSTEMS / SATURDAY, NOV. 11</b>						
006	Emerging Roles of Somatostatin Inhibitory Neurons in Sensory Cortex Processing and Plasticity	Minisymposium		145B	1:30-4 p.m.	2.5
015	Touch, Itch, and Pain	Nanosymposium		147A	1-4 p.m.	
016	Spatial and Feature-Based Attention	Nanosymposium		156	1-3:30 p.m.	
054	Trigeminal Processing	Poster	Z6-Z18	Halls A-C	1-5 p.m.	
055	Olfactory Processing I	Poster	Z19-AA5	Halls A-C	1-5 p.m.	
056	Neuronal Cell Types: Classification	Poster	AA6-AA19	Halls A-C	1-5 p.m.	
057	Cortical Coding and Oscillations	Poster	AA20-BB11	Halls A-C	1-5 p.m.	
058	Visual Cognition: Decision-Making	Poster	BB12-CC13	Halls A-C	1-5 p.m.	
<b>THEME D: SENSORY SYSTEMS / SUNDAY, NOV. 12</b>						
108	Somatosensory Cortex	Nanosymposium		144A	8-10:30 a.m.	
144	Descending Modulation of Pain	Poster	DD24-EE11	Halls A-C	8 a.m.-noon	
145	Pain Models: Pharmacology	Poster	EE12-FF11	Halls A-C	8 a.m.-noon	
146	Motion: Physiology	Poster	FF12-GG5	Halls A-C	8 a.m.-noon	
147	Visual System: Responses During Behavior	Poster	GG6-GG21	Halls A-C	8 a.m.-noon	
148	Visual Cortex: Circuits and Populations	Poster	GG22-HH15	Halls A-C	8 a.m.-noon	
149	Spatial and Feature-Based Attention	Poster	HH16-HH32	Halls A-C	8 a.m.-noon	
179	Cortical Plasticity Following Sensory Loss and Restoration	Symposium		Ballroom B	1:30-4 p.m.	2.5
192	Representation of Faces and Bodies	Nanosymposium		147B	1-4:30 p.m.	
219	Somatosensation: TRP Channels	Poster	W36-X18	Halls A-C	1-5 p.m.	
220	Inflammatory Pain	Poster	X19-Y12	Halls A-C	1-5 p.m.	
221	Mechanisms of Diabetic Neuropathic Pain	Poster	Y13-Z6	Halls A-C	1-5 p.m.	
222	Cancer Pain and Chemotherapy-Evoked Pain	Poster	Z7-Z24	Halls A-C	1-5 p.m.	
223	Barrel Cortex: Tactile Discrimination	Poster	Z25-AA3	Halls A-C	1-5 p.m.	
224	Somatosensation: Stimulus Features and Response Properties	Poster	AA4-AA18	Halls A-C	1-5 p.m.	
225	Auditory and Vestibular Systems: Periphery	Poster	AA19-AA31	Halls A-C	1-5 p.m.	
226	Auditory Processing: Neural Coding, Experiment, and Theory	Poster	AA32-BB21	Halls A-C	1-5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
227	Visual System: Response Modulation and Adaptation	Poster	BB22-CC19	Halls A-C	1-5 p.m.	
228	Superior Colliculus: Sensory and Motor Functions	Poster	CC20-DD4	Halls A-C	1-5 p.m.	
<b>THEME D: SENSORY SYSTEMS / MONDAY, NOV. 13</b>						
261	Neural Circuits Controlling the Selection and Persistence of Sensory Information	Lecture		Hall D	8:30-9:40 a.m.	1.25
277	Representation of Objects and Scenes	Nanosymposium		150A	8-11:30 a.m.	
309	Opioids and the Treatment of Pain	Poster	BB20-CC22	Halls A-C	8 a.m.-noon	
310	Somatosensation: Transduction Mechanisms	Poster	CC23-CC32	Halls A-C	8 a.m.-noon	
311	Auditory Processing: Circuits, Synapses, and Neurotransmitters I	Poster	CC33-DD19	Halls A-C	8 a.m.-noon	
312	Visual Cortical Streams: Mouse and Primate	Poster	DD20-EE2	Halls A-C	8 a.m.-noon	
313	Sensorimotor Transformation: Behavior and Whole-Animal Processing	Poster	EE3-EE20	Halls A-C	8 a.m.-noon	
350	State-Dependent Cortical Processing	Minisymposium		145B	1:30-4 p.m.	2.5
360	Neuro-Immune Interactions in Pain, Migraine, and Itch	Nanosymposium		146C	1-3:45 p.m.	
361	Gating Olfactory Information	Nanosymposium		140A	1-3:30 p.m.	
397	Nociceptors	Poster	EE16-FF14	Halls A-C	1-5 p.m.	
398	Pain Imaging	Poster	FF15-GG20	Halls A-C	1-5 p.m.	
399	Auditory Processing: Circuits, Synapses, and Neurotransmitters II	Poster	GG21-HH3	Halls A-C	1-5 p.m.	
400	Auditory System Plasticity	Poster	HH4-HH19	Halls A-C	1-5 p.m.	
401	Retina: Motion	Poster	HH20-HH29	Halls A-C	1-5 p.m.	
402	Visual Cortex: Functional Architecture and Circuits	Poster	HH30-II14	Halls A-C	1-5 p.m.	
403	Visual Cortical Streams: Primate and Human	Poster	II15-JJ15	Halls A-C	1-5 p.m.	
404	Vestibular System: Central Processing	Poster	JJ16-KK5	Halls A-C	1-5 p.m.	
<b>THEME D: SENSORY SYSTEMS / TUESDAY, NOV. 14</b>						
443	Good Vibrations: Genetic, Neural, and Behavioral Links Between Auditory and Tactile Perception	Minisymposium		146A	8:30-11 a.m.	2.5
446	Processing Gustatory Information in <i>Drosophila</i>	Lecture		Hall D	10-11:10 a.m.	1.25
484	Pain Models: Physiology and Behavior I	Poster	X19-Y15	Halls A-C	8 a.m.-noon	
485	Pain Models: Physiology and Behavior II	Poster	Y16-Z27	Halls A-C	8 a.m.-noon	
486	Thalamic and Cortical Pain Processing and Treatment	Poster	Z28-AA14	Halls A-C	8 a.m.-noon	
487	Somatosensory System Plasticity	Poster	AA15-AA24	Halls A-C	8 a.m.-noon	
488	Auditory Processing: Temporal, Frequency, and Spectral Processing	Poster	AA25-BB16	Halls A-C	8 a.m.-noon	
489	Auditory Processing: Perception, Cognition, and Action I	Poster	BB17-CC17	Halls A-C	8 a.m.-noon	
490	Visual System: New Tools and New Views	Poster	CC18-DD7	Halls A-C	8 a.m.-noon	
491	Visual Pathways: To and From the Cortex	Poster	DD8-DD36	Halls A-C	8 a.m.-noon	
492	Representation of Faces and Bodies	Poster	EE1-EE20	Halls A-C	8 a.m.-noon	
493	Eye Movements and Perception	Poster	EE21-FF9	Halls A-C	8 a.m.-noon	
494	Sensorimotor Transformation: Neuroprocessing	Poster	FF10-FF21	Halls A-C	8 a.m.-noon	
495	Visually-Guided Reaching	Poster	FF22-GG15	Halls A-C	8 a.m.-noon	
539	Sensation in Action	Minisymposium		151B	1:30-4 p.m.	2.5
548	Hair Cells	Nanosymposium		156	1-2:45 p.m.	
549	Visually-Guided Reach and Grasp	Nanosymposium		152B	1-3:45 p.m.	
579	Headache and Migraine	Poster	Y17-Z10	Halls A-C	1-5 p.m.	
580	Mechanisms of Peripheral Neuropathic Pain II	Poster	Z11-AA4	Halls A-C	1-5 p.m.	
581	Mechanisms of Peripheral Neuropathic Pain I	Poster	AA5-AA31	Halls A-C	1-5 p.m.	
582	Mechanisms of Central Neuropathic Pain	Poster	AA32-BB16	Halls A-C	1-5 p.m.	
583	Somatosensation: Thalamocortical Processing	Poster	BB17-CC1	Halls A-C	1-5 p.m.	
584	Barrel Cortex	Poster	CC1-CC20	Halls A-C	1-5 p.m.	
585	Auditory Processing: Sound Localization and Binaural Interactions	Poster	CC21-CC31	Halls A-C	1-5 p.m.	
586	Auditory System: Cortical Processing and Perception	Poster	CC32-DD23	Halls A-C	1-5 p.m.	
587	Auditory Processing: Perception, Cognition, and Action II	Poster	DD24-EE16	Halls A-C	1-5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
588	Visual Cortex: Development and Plasticity	Poster	EE17–FF17	Halls A–C	1–5 p.m.	
589	Representation of Objects and Scenes	Poster	FF18–GG19	Halls A–C	1–5 p.m.	
590	Visual Learning, Memory, and Categorization	Poster	GG20–HH4	Halls A–C	1–5 p.m.	
<b>THEME D: SENSORY SYSTEMS / WEDNESDAY, NOV. 15</b>						
632	Stratification of Visceral Pain: New Insight Into the Mechanisms of Peripheral Sensitisation From Animal Models and Human Tissue	Minisymposium		146A	8:30–11 a.m.	2.5
641	Advances in Pain Neuroimaging	Nanosymposium		144A	8:30–11 a.m.	
679	Somatosensation: Spinal Circuits	Poster	CC26–DD14	Halls A–C	8 a.m.–noon	
680	Somatosensory Cortex	Poster	DD15–DD24	Halls A–C	8 a.m.–noon	
681	Somatosensory System: Human and Non-Human Primates	Poster	DD25–EE5	Halls A–C	8 a.m.–noon	
682	Taste Coding	Poster	EE6–EE19	Halls A–C	8 a.m.–noon	
683	Retina: Photoreceptors and Outer Circuits	Poster	EE20–FF3	Halls A–C	8 a.m.–noon	
684	Retina: Inner Circuits and Ganglion Cells	Poster	FF4–GG8	Halls A–C	8 a.m.–noon	
685	Motion: Psychophysics	Poster	GG9–GG20	Halls A–C	8 a.m.–noon	
686	Cross-Modal Processing: Spatial Factors	Poster	GG21–HH3	Halls A–C	8 a.m.–noon	
687	Cross-Modal Processing: Temporal Factors	Poster	HH4–HH16	Halls A–C	8 a.m.–noon	
688	Cross-Modal Processing: Humans	Poster	HH17–II7	Halls A–C	8 a.m.–noon	
732	Chronic Pain and Trigeminal Processing	Nanosymposium		143A	1–4:15 p.m.	
733	Development of Sensory Systems	Nanosymposium		152B	1–2:45 p.m.	
766	Nociceptive Circuits	Poster	Z6–Z16	Halls A–C	1–5 p.m.	
767	Treatments for Persistent Pain	Poster	Z17–AA14	Halls A–C	1–5 p.m.	
768	Visceral and Musculoskeletal Pain	Poster	AA15–AA23	Halls A–C	1–5 p.m.	
769	Somatosensation: Neural Prostheses	Poster	AA24–AA29	Halls A–C	1–5 p.m.	
770	Primary Olfactory and Taste Transduction	Poster	AA30–BB11	Halls A–C	1–5 p.m.	
771	Olfactory Coding I	Poster	BB12–CC13	Halls A–C	1–5 p.m.	
772	Olfactory Coding II	Poster	CC14–CC23	Halls A–C	1–5 p.m.	
773	Olfactory Processing II	Poster	CC24–DD10	Halls A–C	1–5 p.m.	
774	Color and Contrast	Poster	DD11–DD25	Halls A–C	1–5 p.m.	
775	Cross-Modal Processing: Neural Circuitry and Development	Poster	DD26–EE17	Halls A–C	1–5 p.m.	
<b>THEME E: MOTOR SYSTEMS / SATURDAY, NOV. 11</b>						
059	Eye Movements: Smooth Pursuit	Poster	CC14–CC24	Halls A–C	1–5 p.m.	
060	Eye Movements: Saccades	Poster	CC25–DD16	Halls A–C	1–5 p.m.	
061	Cortical Planning and Execution: Human Neurophysiology	Poster	DD17–EE5	Halls A–C	1–5 p.m.	
062	Motor Planning in Humans	Poster	EE6–EE22	Halls A–C	1–5 p.m.	
063	Posture and Gait: Injury and Disease	Poster	EE23–FF15	Halls A–C	1–5 p.m.	
064	Posture and Gait: Healthy Development and Aging	Poster	FF16–GG5	Halls A–C	1–5 p.m.	
065	CPGs: Neuromodulation, Sensory Input, and Descending Control	Poster	GG6–GG23	Halls A–C	1–5 p.m.	
<b>THEME E: MOTOR SYSTEMS / SUNDAY, NOV. 12</b>						
100	Individual or Group Patterns of Human Sensorimotor Control and Learning? When the Whole May Not Be Greater Than the Sum of Its Parts	Minisymposium		151B	8:30–11 a.m.	2.5
109	Cellular Mechanisms Underlying Cerebellum Plasticity	Nanosymposium		143A	8–9:45 a.m.	
150	Eye Movements	Poster	HH33–II13	Halls A–C	8 a.m.–noon	
151	Cerebellum Interactions With Other Brain Regions	Poster	II14–JJ7	Halls A–C	8 a.m.–noon	
152	Motor Coordination and Bimanual Control	Poster	JJ8–KK3	Halls A–C	8 a.m.–noon	
153	Posture and Gait: Higher-Order Control	Poster	KK4–KK17	Halls A–C	8 a.m.–noon	
154	Reflexes and Reflex Modulation	Poster	KK18–KK29	Halls A–C	8 a.m.–noon	
155	Motor Systems: Neuromodulation	Poster	KK30–LL3	Halls A–C	8 a.m.–noon	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
182	Advances in Parkinson's Disease Biomarkers and Disease Modeling	Minisymposium		146A	1:30–4 p.m.	2.5
229	Limb Brain-Machine Interfaces	Poster	DD5–DD20	Halls A–C	1–5 p.m.	
230	Limb Brain-Machine Interfaces: Neurophysiology	Poster	DD21–EE1	Halls A–C	1–5 p.m.	
231	Posture and Gait: Afferent Control	Poster	EE2–EE27	Halls A–C	1–5 p.m.	
232	Motor Systems: Sensory Input and Descending Control	Poster	EE28–FF12	Halls A–C	1–5 p.m.	
233	Respiratory Rhythm and Pattern Generation	Poster	FF13–GG9	Halls A–C	1–5 p.m.	
234	Spinal Cord Injury: Posture and Locomotion	Poster	GG10–GG22	Halls A–C	1–5 p.m.	
<b>THEME E: MOTOR SYSTEMS / MONDAY, NOV. 13</b>						
267	Modulation of Spinal Motor Networks: New Perspectives in the Control of Movement	Minisymposium		151B	8:30–11 a.m.	2.5
314	Cerebellum Purkinje Cells and Plasticity	Poster	EE21–FF2	Halls A–C	8 a.m.–noon	
315	Striatal Physiology	Poster	FF3–GG6	Halls A–C	8 a.m.–noon	
316	The Control of Reaching Movements I	Poster	GG7–GG32	Halls A–C	8 a.m.–noon	
317	Motor Learning and Recovery	Poster	GG33–HH17	Halls A–C	8 a.m.–noon	
347	Neural Mechanisms of Voluntary Action Control: From Habits to Intentionality in Animals and Humans	Symposium		Ballroom A	1:30–4 p.m.	2.5
362	Cerebellum: Circuitry to Function	Nanosymposium		144A	1–2:45 p.m.	
405	The Control of Reaching Movements II	Poster	KK6–KK23	Halls A–C	1–5 p.m.	
406	Cortical Planning and Execution: Neural Correlates of Behavior	Poster	KK24–LL1	Halls A–C	1–5 p.m.	
407	Cortical Planning and Execution: Animal Neurophysiology	Poster	LL2–LL28	Halls A–C	1–5 p.m.	
408	From Brain to Mouth: Oral Motor Speech Control	Poster	LL29–MM19	Halls A–C	1–5 p.m.	
409	Posture and Gait: Kinematics, Muscle Activity, Exercise, and Fatigue	Poster	MM20–NN20	Halls A–C	1–5 p.m.	
410	Posture and Gait: Animal Models	Poster	NN21–NN33	Halls A–C	1–5 p.m.	
411	CPGs: Circuit Mechanisms	Poster	OO1–OO10	Halls A–C	1–5 p.m.	
412	Motor Unit Recordings	Poster	OO11–OO32	Halls A–C	1–5 p.m.	
<b>THEME E: MOTOR SYSTEMS / TUESDAY, NOV. 14</b>						
447	Diversified Spinal and Brain Circuits for Locomotor Behavior	Lecture		Hall D	11:30 a.m.–12:40 p.m.	1.25
496	Cortical Planning and Execution: Behavior	Poster	GG16–GG27	Halls A–C	8 a.m.–noon	
497	Cortical Planning and Execution: Reach and Grasp Neurophysiology	Poster	GG27–HH14	Halls A–C	8 a.m.–noon	
498	Neurophysiology: Implanted Electrodes and Direct Interactions With Neurons — Stimulation and Closed-Loop	Poster	HH15–II1	Halls A–C	8 a.m.–noon	
499	Brain-Machine Interface: Sensory Systems	Poster	II2–II11	Halls A–C	8 a.m.–noon	
500	CPGs: Non-Mammalian	Poster	II12–II25	Halls A–C	8 a.m.–noon	
501	Spinal Cord Injury: Training, Rehabilitation, and Recovery	Poster	II26–JJ28	Halls A–C	8 a.m.–noon	
502	Motor Neurons: Functional Relationships	Poster	JJ28–KK17	Halls A–C	8 a.m.–noon	
537	Delineating the Diversity of Spinal Interneurons in Locomotor Circuits	Minisymposium		145B	1:30–4 p.m.	2.5
550	Motor Control and Internal Representations	Nanosymposium		147A	1–3:15 p.m.	
591	Cerebellum: Physiology and Circuit Function	Poster	HH5–HH27	Halls A–C	1–5 p.m.	
592	Transmitters and Modulators	Poster	HH28–II11	Halls A–C	1–5 p.m.	
593	Human Motor Learning: Behavior and Models	Poster	II12–JJ11	Halls A–C	1–5 p.m.	
594	Neurophysiology: Implanted Electrodes and Direct Interactions With Neurons — Recording	Poster	JJ12–KK3	Halls A–C	1–5 p.m.	
595	Neurophysiology: Implanted Electrodes and Direct Interactions With Neurons — Tissue Reactions	Poster	KK4–KK17	Halls A–C	1–5 p.m.	
596	Motor Systems, Variability, and Stability	Poster	KK18–KK29	Halls A–C	1–5 p.m.	
597	Motor Neuron: Muscle Exercise and Movement	Poster	KK30–LL8	Halls A–C	1–5 p.m.	
598	Motor Neuron: Development	Poster	LL9–LL19	Halls A–C	1–5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
<b>THEME E: MOTOR SYSTEMS / WEDNESDAY, NOV. 15</b>						
642	Prosthetics: Peripheral Neural Interfaces for Reach and Grasp	Nanosymposium		150A	8–11:30 a.m.	
689	Subcortical Physiology and Regulation of Behavior	Poster	II8–JJ2	Halls A–C	8 a.m.–noon	
690	Corticostratial and Pallidal Physiology	Poster	JJ3–JJ25	Halls A–C	8 a.m.–noon	
691	The Control of Grasp and Grip I	Poster	JJ26–KK19	Halls A–C	8 a.m.–noon	
692	The Control of Grasp and Grip II	Poster	KK20–KK36	Halls A–C	8 a.m.–noon	
693	Human Motor Learning: Neural and Clinical	Poster	LL1–LL16	Halls A–C	8 a.m.–noon	
694	Human Motor Learning: Cognitive and Proprioceptive Influences	Poster	LL17–LL31	Halls A–C	8 a.m.–noon	
776	Brain Computer Interface: Implementations and Methods	Poster	EE18–FF9	Halls A–C	1–5 p.m.	
777	Neural Representations and Brain Machine Interface (BMI)	Poster	FF10–GG12	Halls A–C	1–5 p.m.	
778	Motor Systems: Molecular, Synaptic, and Cellular Mechanisms	Poster	GG13–GG26	Halls A–C	1–5 p.m.	
779	Respiratory Control	Poster	GG27–HH8	Halls A–C	1–5 p.m.	
780	Spinal Cord and Peripheral Nerve Injury: Neurophysiology	Poster	HH9–HH27	Halls A–C	1–5 p.m.	
781	Motor Neuron: Muscle Interface	Poster	HH28–II6	Halls A–C	1–5 p.m.	
<b>THEME F: INTEGRATIVE PHYSIOLOGY AND BEHAVIOR / SATURDAY, NOV. 11</b>						
005	Central Network Dynamics Regulating Visceral And Humoral Functions	Symposium		Ballroom B	1:30–4 p.m.	2.5
066	Vocal Learning Across Avian Models	Poster	GG23–HH6	Halls A–C	1–5 p.m.	
067	Neural Control of Social Interactions: Sexual Behavior	Poster	HH7–HH27	Halls A–C	1–5 p.m.	
068	Stress-Modulated Pathways: Cortex to Brainstem	Poster	HH28–II4	Halls A–C	1–5 p.m.	
069	Stress-Modulated Pathways: Behavior and Cognition	Poster	II5–II22	Halls A–C	1–5 p.m.	
070	Stress-Modulated Pathways: Molecular, Endocrine, and Electrophysiological Outcomes	Poster	II23–JJ16	Halls A–C	1–5 p.m.	
071	Gulf War Illness: Mechanisms, Diagnostics, and Potential Treatments	Poster	JJ17–KK4	Halls A–C	1–5 p.m.	
072	Sleep: Molecular Mechanisms	Poster	KK5–KK31	Halls A–C	1–5 p.m.	
<b>THEME F: INTEGRATIVE PHYSIOLOGY AND BEHAVIOR / SUNDAY, NOV. 12</b>						
093	Molecular Architecture of the Circadian Clock in Mammals	Lecture		Hall D	8:30–9:40 a.m.	1.25
097	Peripheral Neural Modulation of Inflammation, Immunity, and Host Defense	Minisymposium		145B	8:30–11 a.m.	2.5
156	Neuroethology: Circuits and Behavioral Analyses	Poster	LL4–LL32	Halls A–C	8 a.m.–noon	
157	Communicating Vocally in Non-Avian Model Systems	Poster	LL33–MM16	Halls A–C	8 a.m.–noon	
158	Neural Control of Social Interactions	Poster	MM17–NN22	Halls A–C	8 a.m.–noon	
159	Hormones and Cognition: Estrogens	Poster	NN23–OO9	Halls A–C	8 a.m.–noon	
160	HPG Axis	Poster	OO10–OO30	Halls A–C	8 a.m.–noon	
161	Thirst and Water Balance	Poster	OO31–PP2	Halls A–C	8 a.m.–noon	
193	Sleep: Key Advances	Nanosymposium		156	1–3:15 p.m.	
235	Neuromodulation and New Approaches in Monitoring Vocal Learning	Poster	GG23–HH15	Halls A–C	1–5 p.m.	
236	Microbiota, Immunity, and Behavior	Poster	HH16–HH31	Halls A–C	1–5 p.m.	
237	Circadian: Synchronization	Poster	HH32–II16	Halls A–C	1–5 p.m.	
238	Circadian: Cellular and Molecular Mechanisms	Poster	II17–JJ4	Halls A–C	1–5 p.m.	
239	Sleep: Regulators	Poster	JJ5–JJ30	Halls A–C	1–5 p.m.	
240	Sleep: Systems	Poster	KK1–KK28	Halls A–C	1–5 p.m.	
241	Sleep: Behavior	Poster	KK29–LL22	Halls A–C	1–5 p.m.	
<b>THEME F: INTEGRATIVE PHYSIOLOGY AND BEHAVIOR / MONDAY, NOV. 13</b>						
318	Neuroethology: Development and Anatomy	Poster	HH18–II2	Halls A–C	8 a.m.–noon	
319	Birdsong: From Neurogenesis to Genetics and Epigenetics	Poster	II3–II17	Halls A–C	8 a.m.–noon	
320	Stress-Modulated Pathways: Networks, Circuits, and Morphology	Poster	II18–JJ17	Halls A–C	8 a.m.–noon	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
321	Stress-Modulated Pathways: Physiological and Behavioral Outcomes	Poster	JJ18-KK13	Halls A-C	8 a.m.-noon	
322	Stress and Cognition: Clinical Studies	Poster	KK14-KK26	Halls A-C	8 a.m.-noon	
323	Stress and Cognition: Animal Studies	Poster	KK27-LL12	Halls A-C	8 a.m.-noon	
324	Energy Metabolism and Blood Brain Barrier	Poster	LL13-MM3	Halls A-C	8 a.m.-noon	
325	Blood Flow: Assessment and Basic-Translational Relevance	Poster	MM4-NN3	Halls A-C	8 a.m.-noon	
326	Metabolism Control and Obesity	Poster	NN4-NN32	Halls A-C	8 a.m.-noon	
351	Neuroethology of Listening: Learning, Perception and Preference in Female Songbirds	Minisymposium		146A	1:30-4 p.m.	2.5
413	Stress, Inflammation, and Behavior	Poster	OO33-PP17	Halls A-C	1-5 p.m.	
414	Thermoregulation and Other	Poster	PP18-PP24	Halls A-C	1-5 p.m.	
415	Early Life and Intergenerational Effects on Feeding	Poster	PP25-QQ3	Halls A-C	1-5 p.m.	
416	Neuropeptide Regulators	Poster	QQ4-QQ20	Halls A-C	1-5 p.m.	
<b>THEME F: INTEGRATIVE PHYSIOLOGY AND BEHAVIOR / TUESDAY, NOV. 14</b>						
441	Glia-Neuron Interactions Regulate Sleep	Minisymposium		Ballroom B	8:30-11 a.m.	2.5
503	Neuroethology: Social Behaviors	Poster	KK18-KK31	Halls A-C	8 a.m.-noon	
504	Early-Life Stress: Neurophysiological and Neurochemical Consequences	Poster	KK32-L24	Halls A-C	8 a.m.-noon	
505	Early-Life Stress: Molecular Mechanisms	Poster	KK25-MM7	Halls A-C	8 a.m.-noon	
506	Cardiovascular Regulation I	Poster	MM8-NN8	Halls A-C	8 a.m.-noon	
507	Cardiovascular Regulation II	Poster	NN9-NN22	Halls A-C	8 a.m.-noon	
508	Gastrointestinal, Renal, Urinary, and Reproductive Regulation I	Poster	NN23-NN31	Halls A-C	8 a.m.-noon	
509	Gastrointestinal, Renal, Urinary, and Reproductive Regulation II	Poster	NN32-OO27	Halls A-C	8 a.m.-noon	
510	Control of Feeding and Satiety	Poster	OO28-PP19	Halls A-C	8 a.m.-noon	
599	Neuroethology: Navigation and Locomotion	Poster	LL20-LL31	Halls A-C	1-5 p.m.	
600	Early-Life Stress: Clinical Studies	Poster	LL32-MM9	Halls A-C	1-5 p.m.	
601	Early-Life Stress: Anxiety, Motivation, and Depression	Poster	MM10-NN9	Halls A-C	1-5 p.m.	
602	Adolescent Stress: Neurological and Neurobehavioral Outcomes	Poster	NN10-NN27	Halls A-C	1-5 p.m.	
603	Technical Developments and Assessing Pharmacological Influences on Neuroimaging Responses	Poster	NN28-OO16	Halls A-C	1-5 p.m.	
604	Mapping Central Hypothalamic Pathways	Poster	OO17-OO27	Halls A-C	1-5 p.m.	
<b>THEME F: INTEGRATIVE PHYSIOLOGY AND BEHAVIOR / WEDNESDAY, NOV. 15</b>						
629	The Role of Extra-Suprachiasmatic Nucleus Brain Clocks in Circadian Regulation of Brain Function: Time Matters!	Symposium		Ballroom B	8:30-11 a.m.	2.5
643	Hormonal and Neuropeptide Control of Physiology and Behavior	Nanosymposium		152A	8-10:30 a.m.	
695	Neuroimmune Responses and Behavior	Poster	LL32-MM21	Halls A-C	8 a.m.-noon	
696	The Blood Brain Barrier in Health and Disease	Poster	MM22-NN20	Halls A-C	8 a.m.-noon	
727	Deep-Layer Projection Neurons of the Neocortex: Specialized Subpopulations Exhibiting Distinct Integration and Output	Minisymposium		151B	1:30-4 p.m.	2.5
734	Interrogating Neurovascular-Coupling in Functional Imaging	Nanosymposium		147B	1-3:15 p.m.	
782	Neural Control of Social Interactions: Parental Behavior	Poster	II7-JJ2	Halls A-C	1-5 p.m.	
783	Neural Control of Social Interactions: Role of Oxytocin and Vasopressin	Poster	JJ3-JJ20	Halls A-C	1-5 p.m.	
784	Hormones and Cognition	Poster	JJ21-KK17	Halls A-C	1-5 p.m.	
785	Neuroendocrine Anatomy, Physiology, and Plasticity	Poster	KK18-LL11	Halls A-C	1-5 p.m.	
786	Sexual Differentiation	Poster	LL12-MM8	Halls A-C	1-5 p.m.	
787	Cellular and Endocrine Basis for the Effects of Stress on the Brain	Poster	MM9-NN15	Halls A-C	1-5 p.m.	
<b>THEME G: MOTIVATION AND EMOTION / SATURDAY, NOV. 11</b>						
008	Adolescence and Reward: Making Sense of Neural and Behavioral Changes Amid the Chaos	Minisymposium		151B	1:30-4 p.m.	2.5
017	Cellular Adaptations Produced by Cocaine	Nanosymposium		144A	1-3:15 p.m.	
073	Human Studies of Stress, PTSD, and Anxiety	Poster	KK32-LL18	Halls A-C	1-5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
074	Molecules and Circuits in Preclinical Models of Anxiety	Poster	LL19–LL31	Halls A–C	1–5 p.m.	
075	Addiction Genetics	Poster	LL32–MM18	Halls A–C	1–5 p.m.	
076	Alcohol-Related Behavior	Poster	MM19–NN13	Halls A–C	1–5 p.m.	
077	Neural Effects of Ethanol Use	Poster	NN14–OO7	Halls A–C	1–5 p.m.	
078	Cannabinoids and Marijuana	Poster	OO8–OO24	Halls A–C	1–5 p.m.	
07	Nicotine: Reinforcement, Seeking, and Reinstatement	Poster	OO25–PP2	Halls A–C	1–5 p.m.	
<b>THEME G: MOTIVATION AND EMOTION / SUNDAY, NOV. 12</b>						
102	Carving the World Into Useful Task Representations	Lecture		Hall D	11:30 a.m.–12:40 p.m.	1.25
110	Animal Models for Depression: Molecular and Genetic Approaches	Nanosymposium		146C	8–9:45 a.m.	
162	Motivation: Social Communication	Poster	PP3–QQ3	Halls A–C	8 a.m.–noon	
163	Treatment Mechanisms for Alcohol Use Disorder	Poster	QQ4–QQ19	Halls A–C	8 a.m.–noon	
164	Animal Models: Obsessive-Compulsive Disorder	Poster	QQ20–RR13	Halls A–C	8 a.m.–noon	
165	Animal Models of Trauma, Stress, and Anxiety I	Poster	RR14–RR33	Halls A–C	8 a.m.–noon	
242	Appetitive and Incentive Learning and Memory I	Poster	LL23–MM13	Halls A–C	1–5 p.m.	
243	Fear and Aversive Learning and Memory: Acquisition	Poster	MM14–NN4	Halls A–C	1–5 p.m.	
244	Motivation: Neural Circuits I	Poster	NN5–NN30	Halls A–C	1–5 p.m.	
245	Affective Disorders: Human Studies	Poster	NN31–OO21	Halls A–C	1–5 p.m.	
246	Animal Models for Affective Disorders: Mechanisms II	Poster	OO22–PP15	Halls A–C	1–5 p.m.	
247	Animal Models of Trauma, Stress, and Anxiety II	Poster	PP16–QQ5	Halls A–C	1–5 p.m.	
<b>THEME G: MOTIVATION AND EMOTION / MONDAY, NOV. 13</b>						
264	Neuroscience of Maternal Psychopathology	Minisymposium		Ballroom B	8:30–11 a.m.	2.5
278	Neurobiology of Motivated Behavior	Nanosymposium		143A	8–10:30 a.m.	
327	Appetitive and Incentive Learning and Memory II	Poster	NN33–OO14	Halls A–C	8 a.m.–noon	
328	Fear and Aversive Learning and Memory: Neural Circuits I	Poster	OO15–PP4	Halls A–C	8 a.m.–noon	
329	Motivation: Neural Circuits II	Poster	PP5–QQ5	Halls A–C	8 a.m.–noon	
330	Animal Models for Affective Disorders: Mechanisms I	Poster	QQ6–RR13	Halls A–C	8 a.m.–noon	
331	Amphetamines: Reinforcement, Seeking, and Reinstatement	Poster	RR14–SS5	Halls A–C	8 a.m.–noon	
332	Cocaine and Behavior	Poster	SS6–SS31	Halls A–C	8 a.m.–noon	
333	Cocaine and Neurotransmission	Poster	SS32–SS61	Halls A–C	8 a.m.–noon	
334	Brain Circuits Affected by Cocaine	Poster	SS62–TT25	Halls A–C	8 a.m.–noon	
348	From Salient Experience to Learning and Memory: Instructive Signals for Aversion and Reward	Symposium		Ballroom B	1:30–4 p.m.	2.5
363	Corticolimbic Circuits in Emotion and Psychiatric Disorders	Nanosymposium		150A	1–3:15 p.m.	
417	Fear and Aversive Learning and Memory: Modulation	Poster	QQ21–RR16	Halls A–C	1–5 p.m.	
418	Reward: Dopamine and Learning	Poster	RR17–SS9	Halls A–C	1–5 p.m.	
419	Eating Disorders	Poster	SS10–SS22	Halls A–C	1–5 p.m.	
420	Circuit and Molecular Mechanisms of Memory in Addiction	Poster	SS23–SS38	Halls A–C	1–5 p.m.	
421	Opioids and Behavior	Poster	SS39–SS54	Halls A–C	1–5 p.m.	
422	Opioid Cellular Physiology	Poster	SS55–TT11	Halls A–C	1–5 p.m.	
<b>THEME G: MOTIVATION AND EMOTION / TUESDAY, NOV. 12</b>						
444	Functional Diversity of Prefrontal Cortical Regions and Networks	Minisymposium		151B	8:30–11 a.m.	2.5
457	Therapeutics for Affective Disorders: Development, Delivery, and Animal Models	Nanosymposium		147B	8–10:15 a.m.	
511	Striatal Circuits in Behavior	Poster	PP20–QQ11	Halls A–C	8 a.m.–noon	
512	Reward: Motivational Mechanisms	Poster	QQ12–RR9	Halls A–C	8 a.m.–noon	
513	Fear and Aversive Learning and Memory: Neural Circuits II	Poster	RR10–RR25	Halls A–C	8 a.m.–noon	
514	Circuits Underlying Emotional States	Poster	RR26–SS18	Halls A–C	8 a.m.–noon	
515	Treatment Mechanisms for Substance Use Disorders	Poster	SS19–SS32	Halls A–C	8 a.m.–noon	
516	Regulation of Ethanol Intake	Poster	SS32–SS44	Halls A–C	8 a.m.–noon	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
517	Comorbidity and Risk Factors for Alcohol Use Disorder	Poster	SS45–SS58	Halls A–C	8 a.m.–noon	
518	Sexual Dimorphism and Reproductive-Cycle Effects on Alcohol Use	Poster	SS59–TT3	Halls A–C	8 a.m.–noon	
535	Circuit and Synaptic Plasticity Mechanisms of Drug Relapse	Symposium		Ballroom B	1:30–4 p.m.	2.5
551	Animal Models for Depression: Behavioral and Chemical Approaches	Nanosymposium		147B	1–3 p.m.	
605	Fear and Aversive Learning and Memory: Extinction	Poster	OO28–PP3	Halls A–C	1–5 p.m.	
606	Reward: Neuropharmacology	Poster	PP4–PP17	Halls A–C	1–5 p.m.	
607	Motivation: Cortical Neurocircuitry	Poster	PP18–PP27	Halls A–C	1–5 p.m.	
608	Emotional Processes	Poster	PP28–QQ22	Halls A–C	1–5 p.m.	
609	Ketamine as an Antidepressant	Poster	RR1–RR18	Halls A–C	1–5 p.m.	
610	Novel Drugs and Treatments for Affective Disorders	Poster	RR19–SS11	Halls A–C	1–5 p.m.	
611	Depression and Antidepressants: Mechanism	Poster	SS12–SS35	Halls A–C	1–5 p.m.	
612	Drug Delivery	Poster	SS36–SS48	Halls A–C	1–5 p.m.	
613	Animal Models for Affective Disorders: Therapeutics	Poster	SS49–TT12	Halls A–C	1–5 p.m.	

### THEME G: MOTIVATION AND EMOTION / WEDNESDAY, NOV. 15

630	Updated Perspectives on the Direct– and Indirect– Pathways in Neuropsychiatric Disorders	Minisymposium		Ballroom C	8:30–11 a.m.	2.5
644	Translational Studies With Opioids	Nanosymposium		143A	8–9:45 a.m.	
697	Motivation: Subcortical Neurocircuitry	Poster	NN21–OO9	Halls A–C	8 a.m.–noon	
698	Emotional States: Anxiety and Pain	Poster	OO10–OO32	Halls A–C	8 a.m.–noon	
699	Emotional States	Poster	OO33–PP19	Halls A–C	8 a.m.–noon	
700	Emotional States: Empathy	Poster	PP20–PP29	Halls A–C	8 a.m.–noon	
701	Behavioral Effects in Preclinical Models of Anxiety	Poster	QQ1–QQ12	Halls A–C	8 a.m.–noon	
702	Developmental Effects of Addictive Drugs	Poster	QQ13–RR7	Halls A–C	8 a.m.–noon	
703	Amphetamines: Neural Mechanisms of Addiction	Poster	RR8–RR27	Halls A–C	8 a.m.–noon	
704	Cocaine Seeking and Reinstatement I	Poster	RR28–SS17	Halls A–C	8 a.m.–noon	
735	Motivation: Subcortical Neurocircuitry	Nanosymposium		146C	1–4:30 p.m.	
788	Reward: Dopamine, Pharmacology, and Pathophysiology	Poster	NN16–NN32	Halls A–C	1–5 p.m.	
789	Motivation: Primates	Poster	NN32–OO12	Halls A–C	1–5 p.m.	
790	Circuits Underlying Emotional States: Amygdala	Poster	OO13–OO36	Halls A–C	1–5 p.m.	
791	Emotional States: Fear	Poster	PP1–PP22	Halls A–C	1–5 p.m.	
792	Treatment Mechanisms for Anxiety Disorders	Poster	PP23–QQ4	Halls A–C	1–5 p.m.	
793	Addiction and Behavior	Poster	QQ5–RR5	Halls A–C	1–5 p.m.	
794	Learning, Memory, and Addiction: Behavioral Studies	Poster	RR6–RR26	Halls A–C	1–5 p.m.	
795	Cocaine Reinforcement	Poster	RR27–SS7	Halls A–C	1–5 p.m.	
796	Cocaine Seeking and Reinstatement II	Poster	SS8–SS22	Halls A–C	1–5 p.m.	
797	Nicotine: Neural Mechanisms of Addiction	Poster	SS23–SS47	Halls A–C	1–5 p.m.	

### THEME H: COGNITION / SATURDAY, NOV. 11

003	Neuronal Adaptation and Behavioral Performance in Perceptual and Economic Decisions	Symposium		Ballroom A	1:30–4 p.m.	2.5
018	Perceptual and Spatial Human Learning	Nanosymposium		143A	1–3:15 p.m.	
019	Learning and Memory in Aging	Nanosymposium		152A	1–4:30 p.m.	
020	Genetic and Genomic Studies of Schizophrenia	Nanosymposium		146C	1–3:30 p.m.	
080	Working Memory: How Memory Works	Poster	PP3–PP26	Halls A–C	1–5 p.m.	
081	Learning and Memory: Physiology	Poster	PP27–QQ8	Halls A–C	1–5 p.m.	
082	Learning and Memory: Aging, Circuits, and Molecules	Poster	QQ9–RR8	Halls A–C	1–5 p.m.	
083	Hippocampal Circuits and Oscillations in Learning and Memory	Poster	RR9–RR35	Halls A–C	1–5 p.m.	
084	Cortical and Hippocampal Circuits: Spatial Navigation	Poster	RR36–SS28	Halls A–C	1–5 p.m.	
085	Perception and Imagery	Poster	SS29–SS59	Halls A–C	1–5 p.m.	
086	Human Long-Term Memory in Children and in the Elderly	Poster	SS60–TT7	Halls A–C	1–5 p.m.	
087	Understanding and Producing Language in Health and Disease	Poster	TT8–TT25	Halls A–C	1–5 p.m.	



SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
088	Computational Models of Decision Making	Poster	TT26–TT51	Halls A–C	1–5 p.m.	
089	Individual Differences	Poster	TT52–UU8	Halls A–C	1–5 p.m.	
<b>THEME H: COGNITION / SUNDAY, NOV. 12</b>						
099	Computational Psychiatry: Multiscale Models of Mental Illnesses	Minisymposium		146A	8:30–11 a.m.	2.5
101	Using Memory to Guide Decisions	Lecture		Hall D	10–11:10 a.m.	1.25
111	Attention Networks	Nanosymposium		150A	8–10:45 a.m.	
112	Mapping Language Onto Structure	Nanosymposium		147B	8–11 a.m.	
166	Learning and Memory: Hippocampal-Prefrontal-Basal Forebrain Interactions	Poster	RR34–SS15	Halls A–C	8 a.m.–noon	
167	Human Long-Term Memory: Declarative	Poster	SS16–SS27	Halls A–C	8 a.m.–noon	
168	Human Long-Term Memory: Brain Stimulation and Neural Prostheses	Poster	SS28–SS45	Halls A–C	8 a.m.–noon	
169	Human Long-Term Memory: Encoding	Poster	SS46–TT8	Halls A–C	8 a.m.–noon	
170	Memory Modulation: From Stimulation to Functional Connectivity	Poster	TT9–TT27	Halls A–C	8 a.m.–noon	
171	Decision Making and Reasoning: Value and Effort-Based Decisions	Poster	TT28–TT56	Halls A–C	8 a.m.–noon	
172	Social Cognition	Poster	TT57–UU4	Halls A–C	8 a.m.–noon	
173	Schizophrenia: Pathophysiology and Therapeutics	Poster	UU5–UU21	Halls A–C	8 a.m.–noon	
180	New Breakthroughs in Understanding the Role of Functional Interactions Between the Neocortex and the Claustrum	Minisymposium		Ballroom C	1:30–4 p.m.	2.5
194	Memory Retrieval	Nanosymposium		150A	1–3 p.m.	
195	Corticolimbic Circuits in Decision Making	Nanosymposium		150B	1–3:45 p.m.	
248	Cortical Circuits and Behavior	Poster	QQ6–QQ18	Halls A–C	1–5 p.m.	
249	Prefrontal Cortex: Physiology of Decision Making	Poster	QQ19–RR20	Halls A–C	1–5 p.m.	
250	Prefrontal Cortex and Reward	Poster	RR21–SS1	Halls A–C	1–5 p.m.	
251	Prefrontal Cortex and Decision Making	Poster	SS2–SS26	Halls A–C	1–5 p.m.	
252	Learning and Memory: Hippocampal Circuits	Poster	SS27–SS55	Halls A–C	1–5 p.m.	
253	Learning and Memory: Hippocampal Representations	Poster	SS56–TT10	Halls A–C	1–5 p.m.	
254	Learning and Memory: Limbic Circuits	Poster	TT11–TT36	Halls A–C	1–5 p.m.	
255	Cognitive Control in a Clinical Population	Poster	TT37–TT53	Halls A–C	1–5 p.m.	
256	Rhythm and Timing	Poster	TT54–UU2	Halls A–C	1–5 p.m.	
257	Timing, Rhythm, and Sequencing	Poster	UU3–UU15	Halls A–C	1–5 p.m.	
258	Schizophrenia: Developmental Models	Poster	UU16–UU41	Halls A–C	1–5 p.m.	
<b>THEME H: COGNITION / MONDAY, NOV. 13</b>						
265	Beyond Place Cells: Recent Surprises From Hippocampal Neurophysiology	Minisymposium		Ballroom C	8:30–11 a.m.	2.5
279	Chemogenetics in Rodents and Primates	Nanosymposium		144A	8–10:45 a.m.	
280	Perception and Imagery: Semantic and Abstract Representation	Nanosymposium		152A	8–10:45 a.m.	
281	Mechanisms of Working Memory	Nanosymposium		156	8–10 a.m.	
335	Cortical and Allocortical Mechanisms of Attention	Poster	TT26–TT50	Halls A–C	8 a.m.–noon	
336	Cortical Systems and Mechanisms of Disease	Poster	TT51–TT61	Halls A–C	8 a.m.–noon	
337	Executive Function: Inhibitory Control	Poster	TT62–UU7	Halls A–C	8 a.m.–noon	
338	Human Long-Term Memory: Medial Temporal Lobe	Poster	UU8–UU34	Halls A–C	8 a.m.–noon	
339	Computational Approaches to Understanding Interactions Between Short- and Long-Term Memory	Poster	UU35–UU49	Halls A–C	8 a.m.–noon	
340	The Human Language Singularity	Poster	UU50–UU74	Halls A–C	8 a.m.–noon	
341	Pharmacology in Schizophrenia Models	Poster	UU75–VV13	Halls A–C	8 a.m.–noon	
364	Network, Synaptic, and Molecular Mechanisms of Learning and Memory	Nanosymposium		143A	1–3 p.m.	
365	Perception and Imagery: Visual Awareness	Nanosymposium		156	1–4 p.m.	
423	Information Processing, Decision Making, and Reinforcement	Poster	TT12–TT37	Halls A–C	1–5 p.m.	
424	Memory Consolidation and Reconsolidation: From Epigenetics to Gestation	Poster	TT38–TT53	Halls A–C	1–5 p.m.	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
425	Learning and Memory: Hippocampal-Parahippocampal-Limbic Interactions	Poster	TT54-UU13	Halls A-C	1-5 p.m.	
426	Learning and Memory: Hippocampal CA2 and Social Learning	Poster	UU14-UU26	Halls A-C	1-5 p.m.	
427	Hippocampal and Cortical Circuits Mediating Learning and Memory	Poster	UU27-UU38	Halls A-C	1-5 p.m.	
428	Learning and Memory: Molecules and Mechanisms I	Poster	UU39-UU63	Halls A-C	1-5 p.m.	
429	Learning and Memory: Pharmacology	Poster	UU64-VV1	Halls A-C	1-5 p.m.	
430	Neuromodulation and Working Memory	Poster	VV2-VV14	Halls A-C	1-5 p.m.	
431	Memory Encoding and Retrieval Processes	Poster	VV15-VV43	Halls A-C	1-5 p.m.	
432	Visual Working Memory	Poster	VV44-VV55	Halls A-C	1-5 p.m.	
433	Working Memory	Poster	VV56-VV74	Halls A-C	1-5 p.m.	
434	Genetic and Genomic Studies of Schizophrenia	Poster	VV75-VV87	Halls A-C	1-5 p.m.	
435	Human and Animal Studies of Circuits and Systems in Schizophrenia	Poster	VV88-WW16	Halls A-C	1-5 p.m.	
<b>THEME H: COGNITION / TUESDAY, NOV. 14</b>						
458	Social Decision-Making	Nanosymposium		150A	8-11 a.m.	
519	The Hippocampal Horizon: Memory Consolidation and Reconsolidation Across Structures	Poster	TT4-TT33	Halls A-C	8 a.m.-noon	
520	Modeling Cognitive Impairments: Mechanistic Insights and New Interventions	Poster	TT34-TT54	Halls A-C	8 a.m.-noon	
521	Invertebrate Learning and Memory	Poster	TT55-UU3	Halls A-C	8 a.m.-noon	
522	Learning and Memory: Neural Circuits	Poster	UU4-UU32	Halls A-C	8 a.m.-noon	
523	Spatial Navigation: Grid and Place Cells	Poster	UU33-UU61	Halls A-C	8 a.m.-noon	
524	Cognitive Development	Poster	UU62-UU79	Halls A-C	8 a.m.-noon	
525	Human Motor and Sequence Learning	Poster	UU80-VV15	Halls A-C	8 a.m.-noon	
526	Aging and Memory	Poster	VV16-VV25	Halls A-C	8 a.m.-noon	
527	Cognitive Aging	Poster	VV26-VV52	Halls A-C	8 a.m.-noon	
538	Neural Circuits Supporting Cognitive Maps for Goal-Directed Behavior	Minisymposium		146A	1:30-4 p.m.	2.5
552	Functional Basis of Attention	Nanosymposium		150B	1-3:15 p.m.	
614	Learning and Memory: Molecules and Mechanisms II	Poster	TT13-TT38	Halls A-C	1-5 p.m.	
615	Cortical and Hippocampal Circuits: Timing and Temporal Processing	Poster	TT39-UU2	Halls A-C	1-5 p.m.	
616	Navigating Through Space: Grid and Place Cells	Poster	UU3-UU22	Halls A-C	1-5 p.m.	
617	Human Perceptual and Spatial Learning	Poster	UU23-UU38	Halls A-C	1-5 p.m.	
618	Functional Mechanisms of Attention	Poster	UU38-UU59	Halls A-C	1-5 p.m.	
619	Cognitive Control and Performance	Poster	UU60-VV6	Halls A-C	1-5 p.m.	
620	Decision Making and Reasoning	Poster	VV7-VV30	Halls A-C	1-5 p.m.	
<b>THEME H: COGNITION / WEDNESDAY, NOV. 15</b>						
634	Emerging Neuroimaging Biomarkers for Schizophrenia	Basic-Translational Clinical Roundtable		206	8:30-11 a.m.	
636	Building Models of the World for Behavioral Control	Lecture		Hall D	11:30 a.m.-12:40 p.m.	1.25
645	Cognitive Development and Numerical Cognition	Nanosymposium		156	8-10 a.m.	
646	Human Studies of Circuits and Systems in Schizophrenia and in First Episode Psychosis	Nanosymposium		147A	8-10:45 a.m.	
705	Cortical and Thalamic Circuits	Poster	SS18-SS34	Halls A-C	8 a.m.-noon	
706	Executive Function in Learning and Memory	Poster	SS35-SS56	Halls A-C	8 a.m.-noon	
707	Learning: From Model Systems to Modeling	Poster	SS57-TT4	Halls A-C	8 a.m.-noon	
708	Focal and Brain-Wide Network Activity	Poster	TT5-TT15	Halls A-C	8 a.m.-noon	
709	Learning and Memory: Cortical-Hippocampal Interactions	Poster	TT16-TT41	Halls A-C	8 a.m.-noon	
710	Hippocampal Circuits Involved in Learning and Memory	Poster	TT42-UU4	Halls A-C	8 a.m.-noon	
711	Learning and Memory: Hippocampal Circuits in Disease Models	Poster	UU5-UU15	Halls A-C	8 a.m.-noon	

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
712	Learning and Memory: Aging and Behavior	Poster	UU16–UU42	Halls A–C	8 a.m.–noon	
713	Perceptual Decision Making	Poster	UU43–UU57	Halls A–C	8 a.m.–noon	
714	Social and Emotional Processes	Poster	UU58–UU79	Halls A–C	8 a.m.–noon	
715	Clinical and Animal Studies of the Symptoms of Schizophrenia	Poster	UU80–VV19	Halls A–C	8 a.m.–noon	
724	Neural Correlates of Consciousness: Progress and Problems	Symposium		Ballroom B	1:30–4 p.m.	2.5
736	Self-Control and Decision Making	Nanosymposium		145B	1–4:30 p.m.	
737	Individual Differences in Cognition and Behavior	Nanosymposium		144A	1–4:15 p.m.	
738	Schizophrenia: The Immune System	Nanosymposium		156	1–3:15 p.m.	
798	Molecules, Mechanisms, and Models for Memory Consolidation and Reconsolidation	Poster	SS48–SS61	Halls A–C	1–5 p.m.	
799	Neural Circuit Mechanisms for Memory	Poster	SS62–TT12	Halls A–C	1–5 p.m.	
800	Neuromolecular Clues to Learning and Memory	Poster	TT13–TT31	Halls A–C	1–5 p.m.	
801	Learning: Reward, Feedback, and Neurofeedback	Poster	TT32–TT61	Halls A–C	1–5 p.m.	
802	Human Medial Temporal Lobe and Spatial Learning	Poster	TT62–UU7	Halls A–C	1–5 p.m.	
803	Memory Processes	Poster	UU8–UU37	Halls A–C	1–5 p.m.	
804	Visual and Auditory Attention	Poster	UU38–UU50	Halls A–C	1–5 p.m.	
805	Attention Circuits	Poster	UU51–UU69	Halls A–C	1–5 p.m.	
806	Executive Processes	Poster	UU70–VV3	Halls A–C	1–5 p.m.	
807	Schizophrenia and Bipolar Disorder: Cellular and Circuit Mechanisms	Poster	VV4–VV25	Halls A–C	1–5 p.m.	
<b>THEME I: TECHNIQUES / SATURDAY, NOV. 11</b>						
007	Nonhuman Primate Optogenetics: Recent Advances and Future Directions	Minisymposium		146A	1:30–4 p.m.	2.5
090	Electrode Arrays	Poster	UU8–8837	Halls A–C	1–5 p.m.	
091	Modeling	Poster	UU38–UU50	Halls A–C	1–5 p.m.	
092	Spiking and Oscillation Models	Poster	UU51–UU74	Halls A–C	1–5 p.m.	
093	Functional Monitoring and Stimulation	Poster	UU75–VV13	Halls A–C	1–5 p.m.	
<b>THEME I: TECHNIQUES / SUNDAY, NOV. 12</b>						
113	Optical Methods for Connectivity	Nanosymposium		150B	8–10:15 a.m.	
174	Systems Biology and Bioinformatics	Poster	UU22–UU52	Halls A–C	8 a.m.–noon	
175	Connectomics: Automatic Tracing Techniques	Poster	UU53–UU77	Halls A–C	8 a.m.–noon	
176	Neurocomputational Limits	Poster	UU78–VV4	Halls A–C	8 a.m.–noon	
196	Methods for Combined Analysis of Genetic Information	Nanosymposium		152B	1–3:15 p.m.	
259	Mouse Connectomics	Poster	UU42–UU60	Halls A–C	1–5 p.m.	
260	Data Analysis and Statistics: Human Data I	Poster	UU61–VV3	Halls A–C	1–5 p.m.	
<b>THEME I: TECHNIQUES / MONDAY, NOV. 13</b>						
266	Open-Source Hardware for Neuroscience Research	Minisymposium		145B	8:30–11 a.m.	2.5
342	Connectomics: Anatomical Techniques	Poster	VV14–VV40	Halls A–C	8 a.m.–noon	
343	Electrophysiological Techniques	Poster	VV41–VV68	Halls A–C	8 a.m.–noon	
344	Large-Scale, Deep, and High-Speed Functional Light Microscopy	Poster	VV69–WW3	Halls A–C	8 a.m.–noon	
345	Methods: Physiology and Circuitry I	Poster	WW4–WW20	Halls A–C	8 a.m.–noon	
346	Data Analysis and Statistics: Neuronal Networks	Poster	WW21–WW50	Halls A–C	8 a.m.–noon	
352	Innovative Approaches for Multimodal Neural Interfaces	Minisymposium		151B	1:30–4 p.m.	2.5
436	Staining and Imaging Techniques	Poster	WW17–WW29	Halls A–C	1–5 p.m.	
437	Optical Methods for Functional Circuit Analysis <i>In Vivo</i>	Poster	WW30–WW54	Halls A–C	1–5 p.m.	
<b>THEME I: TECHNIQUES / TUESDAY, NOV. 14</b>						
440	Exciting New Tools and Technologies Emerging From the BRAIN Initiative	Symposium		Ballroom C	8:30–11 a.m.	2.5

SESSION#	SESSION TITLE	SESSION TYPE	POSTER BOARD #	LOCATION	TIME	CME HOURS
528	Optical Physiology, Electrodes, and Light Shaping	Poster	VV53–VV65	Halls A–C	8 a.m.–noon	
529	Methods: Physiology and Circuitry II	Poster	VV66–VV82	Halls A–C	8 a.m.–noon	
530	Machine Learning	Poster	VV83–WW4	Halls A–C	8 a.m.–noon	
531	Computational Tools for Circuit Mapping	Poster	WW5–WW17	Halls A–C	8 a.m.–noon	
532	Software Tools I	Poster	WW18–WW42	Halls A–C	8 a.m.–noon	
533	Artificial Intelligence and Imagination: Exploring the Frontiers of Knowledge	Lecture		Hall D	1–2:10 p.m.	1.25
621	RNA and Gene Expression Techniques	Poster	VV31–VV42	Halls A–C	1–5 p.m.	
622	Connectomics: Molecular Techniques	Poster	VV43–VV56	Halls A–C	1–5 p.m.	
623	Neurophysiology: Humans	Poster	VV57–VV76	Halls A–C	1–5 p.m.	
624	Histological Approaches: Brain Clearing, Expansion, and Reconstruction	Poster	VV77–WW7	Halls A–C	1–5 p.m.	
625	Novel Approaches in Neurodegeneration and Stroke	Poster	WW8–WW33	Halls A–C	1–5 p.m.	
626	Data Analysis and Statistics: Human Data II	Poster	WW34–WW54	Halls A–C	1–5 p.m.	
<b>THEME I: TECHNIQUES / WEDNESDAY, NOV. 15</b>						
627	Tools for Optically Monitoring Neural Activity and Signaling Pathways	Lecture		Hall D	8:30–9:40 a.m.	1.25
647	Methods: Non-Invasive Stimulation	Nanosymposium		152B	8–10:30 a.m.	
716	Biochemical and Signaling Techniques	Poster	VV20–VV32	Halls A–C	8 a.m.–noon	
717	Optogenetics Methods	Poster	VV33–VV62	Halls A–C	8 a.m.–noon	
718	Clinical Computational Models	Poster	VV63–VV73	Halls A–C	8 a.m.–noon	
719	Cortical and Hippocampal Network Models	Poster	VV74–VV88	Halls A–C	8 a.m.–noon	
720	Simple Biological Models for Neurocomputational Analysis	Poster	VV89–WW6	Halls A–C	8 a.m.–noon	
721	Software Tools II	Poster	WW7–WW28	Halls A–C	8 a.m.–noon	
725	After the Data Deluge: Grappling With Transcriptional Complexity in the Brain	Minisymposium		Ballroom C	1:30–4 p.m.	2.5
739	Transcranial Magnetic Stimulation	Nanosymposium		147A	1–4:30 p.m.	
808	Methods: Non-Invasive Stimulation	Poster	VV26–VV42	Halls A–C	1–5 p.m.	
809	Optical Probes: Functional Readouts	Poster	VV43–VV69	Halls A–C	1–5 p.m.	
810	Optical Methods: Unlabeled Tissues, Endogenous Probes, and Imaging-Differentiated Stem Cells	Poster	VV70–VV83	Halls A–C	1–5 p.m.	
811	CRISPR-Cas9 Mediated Genome Editing Techniques	Poster	VV84–WW2	Halls A–C	1–5 p.m.	
812	Viral Techniques and Monitoring Neuronal Function	Poster	WW3–WW17	Halls A–C	1–5 p.m.	
813	Biophysically-Detailed Models	Poster	WW18–WW37	Halls A–C	1–5 p.m.	
814	Database Tools	Poster	WW38–WW47	Halls A–C	1–5 p.m.	
<b>THEME J: HISTORY AND EDUCATION / SATURDAY, NOV. 11</b>						
021	History of Neuroscience	Theme J Poster	VV14–VV29	Halls A–C	1–5 p.m.	
022	Teaching of Neuroscience: K–12	Theme J Poster	VV30–VV42	Halls A–C	1–5 p.m.	
023	Teaching Neuroscience in College I	Theme J Poster	VV43–VV67	Halls A–C	1–5 p.m.	
024	Teaching Neuroscience in College II	Theme J Poster	VV68–VV88	Halls A–C	1–5 p.m.	
025	Teaching Neuroscience As A Part of Graduate Education	Theme J Poster	VV89–WW6	Halls A–C	1–5 p.m.	
026	Neuroscience Outreach Activities I	Theme J Poster	WW7–WW31	Halls A–C	1–5 p.m.	
<b>THEME J: HISTORY AND EDUCATION / SUNDAY, NOV. 12</b>						
027	Neuroscience Outreach Activities II	Theme J Poster	WW32–WW48	Halls A–C	8 a.m.–noon	
028	Ethical and Policy Issues in Neuroscience	Theme J Poster	WW49–WW61	Halls A–C	8 a.m.–noon	
183	The Science of Storytelling and Storytelling in Science	Minisymposium		151B	1:30–4 p.m.	

SESSION #	SESSION TITLE	SESSION TYPE	LOCATION	TIME
<b>SFN PRE-CONFERENCE SESSIONS / FRIDAY, NOV. 10</b>				
SPC01	Neurobiology of Disease Workshop: Gene Therapy to Address Unmet Needs in Neurology	SfN Pre-Conference Session	146C	8 a.m.–5 p.m.
SPC02	Short Course 2: Neuroinformatics in the Age of Big Data: Working With the Right Data and Tools	SfN Pre-Conference Session	Ballroom B	8 a.m.–6 p.m.
SPC03	Short Course 1: Intersections Between the Brain and Immune System in Health and Disease	SfN Pre-Conference Session	Ballroom A	8:30 a.m.–6 p.m.
SPC04	Short Course 3: Neuroethics and Public Engagement: Why, How, and Best Practices	SfN Pre-Conference Session	206	1–5:30 p.m.
<b>SFN PRE-CONFERENCE SESSIONS / SATURDAY, NOV. 11</b>				
SPC05	Meet-the-Expert, Session 1	SfN Pre-Conference Session	Renaissance Washington, DC Downtown Hotel	8–9:15 a.m.
SPC06	Meet-the-Expert, Session 2	SfN Pre-Conference Session	Renaissance Washington, DC Downtown Hotel	9:30–10:45 a.m.
<b>PROFESSIONAL DEVELOPMENT WORKSHOPS / SATURDAY, NOV. 11</b>				
PDW01	Careers in Translational Drug Discovery	Professional Development Workshop	207A	9–11 a.m.
PDW02	Global Approaches for Collaboration and Networking	Professional Development Workshop	207B	9–11 a.m.
PDW03	Incorporating Public Engagement Into Your Professional Portfolio: A Practical Guide	Professional Development Workshop	207B	Noon–2 p.m.
PDW04	News You Can Use in Writing Grant Applications: Updates From NIH	Professional Development Workshop	207A	Noon–2 p.m.
PDW05	How to be Successful in a Career in Academia	Professional Development Workshop	207A	3–5 p.m.
PDW06	Research Mentor Training for Neuroscience Faculty	Professional Development Workshop	207B	3–5 p.m.
<b>PROFESSIONAL DEVELOPMENT WORKSHOPS / SUNDAY, NOV. 12</b>				
PDW07	FAIR Data, Metadata, and Data Sharing in Neurotrauma	Professional Development Workshop	207B	9–11 a.m.
PDW08	Navigating Career Transitions in Neuroscience	Professional Development Workshop	207A	9–11 a.m.
PDW09	A Practical Guide to Science Communication	Professional Development Workshop	207B	Noon–2 p.m.
PDW10	Funding Opportunities to Build Interdisciplinary Neuroscience Research for the Future	Professional Development Workshop	207A	Noon–2 p.m.
PDW11	Addressing Issues Facing Women in the Early Stages of Their Scientific Career	Professional Development Workshop	207A	3–5 p.m.
PDW12	Neuroscience Department and Programs Workshop: Trends in Neuroscience Training: A Discussion of the SfN NDP Survey Results	Professional Development Workshop	207B	3–5 p.m.
<b>PROFESSIONAL DEVELOPMENT WORKSHOPS / MONDAY, NOV. 13</b>				
PDW13	Evidence-Based Approaches to Teaching Neuroscience	Professional Development Workshop	207A	9–11 a.m.
PDW14	The Power of Effective Storytelling: Communicating the Value of Brain Research	Professional Development Workshop	207B	9–11 a.m.
PDW15	Improving Your Science: Sample-Size Planning, Pre-Registration, and Reproducible Data Analysis	Professional Development Workshop	207B	Noon–2 p.m.

SESSION #	SESSION TITLE	SESSION TYPE	LOCATION	TIME
<b>MEETINGS AND EVENTS / SATURDAY, NOV. 11</b>				
ME01	NeuroJobs Career Center	Meetings and Events	West Salon	7:30 a.m.–5 p.m.
ME02	Meeting Mobile App Tutorial	Meetings and Events	103A	10–11 a.m.
ME03	Graduate School Fair	Meetings and Events	Hall E	1–3 p.m.
ME04	Brain Awareness Campaign Event: Opening Channels to Brain Awareness	Meetings and Events	Hall E	2:30–4 p.m.
ME05	Diversity Fellows Poster Session	Meetings and Events	Hall E	6:30–8:30 p.m.
ME06	International Fellows Poster Session	Meetings and Events	Hall E	6:30–8:30 p.m.
ME07	Trainee Professional Development Awards Poster Session	Meetings and Events	Hall E	6:30–8:30 p.m.
ME08	Career Development Topics: A Networking Event	Meetings and Events	Hall E	7:30–9:30 p.m.
<b>MEETINGS AND EVENTS / SUNDAY, NOV. 12</b>				
ME09	NeuroJobs Career Center	Meetings and Events	West Salon	7:30 a.m.–5 p.m.
ME10	SfN Chapters Workshop: Strategic Messaging Via Social Media: How to Disseminate Neuroscience to the Public and Policymakers	Meetings and Events	103A	11:30 a.m.–1 p.m.
ME11	Graduate School Fair	Meetings and Events	Hall E	Noon–2 p.m.
ME12	Social Issues Roundtable: Engaging Neuroscientists in Dialogue With Religious Communities	Meetings and Events	201	1–3 p.m.
<b>MEETINGS AND EVENTS / MONDAY, NOV. 13</b>				
ME13	NeuroJobs Career Center	Meetings and Events	West Salon	7:30 a.m.–5 p.m.
ME14	Animals In Research Panel: How to Effectively Communicate Your Animal Research: Elevator Speech, Social Media, and Best Practices	Meetings and Events	103A	Noon–2 p.m.
ME15	Graduate School Fair	Meetings and Events	Hall E	Noon–2 p.m.
<b>MEETINGS AND EVENTS / TUESDAY, NOV. 14</b>				
ME16	NeuroJobs Career Center	Meetings and Events	West Salon	7:30 a.m.–5 p.m.
ME17	Celebration of Women in Neuroscience Luncheon	Meetings and Events	Renaissance Washington, DC, Downtown Hotel, Grand Ballroom North	Noon–2 p.m.
ME18	Graduate School Fair	Meetings and Events	Hall E	Noon–2 p.m.
ME19	Public Advocacy Forum: Advocating for Basic Science in a Disease-Focused World	Meetings and Events	201	2:30–4 p.m.
ME20	SfN Members' Business Meeting	Meetings and Events	202B	6:45–7:30 p.m.
ME21	Graduate Student Reception	Meetings and Events	Renaissance Washington, DC, Downtown Hotel, Grand Ballroom	8:30–11:30 p.m.
<b>MEETINGS AND EVENTS / WEDNESDAY, NOV. 15</b>				
ME22	NeuroJobs Career Center	Meetings and Events	West Salon	7:30 a.m.–3 p.m.