

List of Sessions by Theme and Day

Theme Descriptions

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|-----------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| A Development | D Sensory and Motor Systems | F Cognition and Behavior |
| B Neural Excitability, Synapses, and Glia: Cellular Mechanisms | E Integrative Systems: Neuroendocrinology, Neuroimmunology, and Homeostatic Challenge | G Novel Methods and Technology Development |
| C Disorders of the Nervous System | | H History, Teaching, Public Awareness, and Societal Impacts in Neuroscience |

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

Note: Theme H Posters will be on display in Hall A beginning at 1 p.m. on Saturday, Nov. 15, and will remain posted until 5 p.m. on Sunday, Nov. 16. One-hour presentation times will occur either Saturday afternoon or Sunday morning.

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
FEATURED LECTURES							
001	Food for Thought: Tastes, Aromas, and Memories of Food	Dialogues Between Neuroscience and Society		Hall D	15 Sat	11 a.m.–1 p.m.	
009	The Living Record of Memory: Genes, Neurons, and Synapses	Presidential Special Lecture		Hall D	15 Sat	5:15–6:25 p.m.	1.25
108	Mind, Brain, and the Ethics of Intergroup Behavior	David Kopf Lecture on Neuroethics		Hall D	16 Sun	11:30 a.m.–12:40 p.m.	
195	Circuits and Strategies for Skilled Motor Behavior	Peter and Patricia Gruber Lecture		Hall D	16 Sun	2:30–3:40 p.m.	
196	The Integration of Interneurons Into Cortical Circuits: Both Nurture and Nature	Presidential Special Lecture		Hall D	16 Sun	5:15–6:25 p.m.	1.25
380	Cellular and Molecular Mechanisms of Explicit Learning in the Hippocampus	Albert and Ellen Grass Lecture		Hall D	17 Mon	3:15–4:25 p.m.	1.25
381	The First Steps in Vision: Computation and Repair	Presidential Special Lecture		Hall D	17 Mon	5:15–6:25 p.m.	1.25
574	The Messengers of the Mind	Fred Kavli History of Neuroscience Lecture		Hall D	18 Tues	2:30–3:40 p.m.	
575	Stem Cells in the Brain: Glial Identity and Niches	Presidential Special Lecture		Hall D	18 Tues	5:15–6:25 p.m.	1.25
THEME A: DEVELOPMENT							
003	Evolution of Neural Circuits: From Axon Guidance Genes to Spoken Language	Symposium		Ballroom C	15 Sat	1:30–4 p.m.	2.5
029	Neural Lineage Specification and Plasticity	Poster	A1–A23	Halls A–C	15 Sat	1–5 p.m.	
030	Neuronal Differentiation	Poster	A24–A46	Halls A–C	15 Sat	1–5 p.m.	
031	Dendritic Development and Branching	Poster	A47–A64	Halls A–C	15 Sat	1–5 p.m.	
032	Mechanisms of Dendritic Growth and Branching	Poster	A65–B16	Halls A–C	15 Sat	1–5 p.m.	
033	Adolescent Drug Exposure: Alcohol and Nicotine	Poster	B17–B35	Halls A–C	15 Sat	1–5 p.m.	
101	Advances in Studying Human Cortical Development	Symposium		Ballroom C	16 Sun	8:30–11 a.m.	2.5
120	Mechanisms of Neuronal Cell Fate Acquisition	Poster	A1–A11	Halls A–C	16 Sun	8 a.m.–noon	
121	Neurotrophins	Poster	A12–A40	Halls A–C	16 Sun	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
122	Development and Age-Related Changes in Cognition	Poster	A41–A65	Halls A–C	16 Sun	8 a.m.–noon	
190	Oligodendrocyte and Myelin Plasticity and Its Impact on the Function of Neural Circuits and Behavior	Symposium		Ballroom A	16 Sun	1:30–4 p.m.	2.5
208	Neuronal Migration	Poster	A1–A25	Halls A–C	16 Sun	1–5 p.m.	
209	Environmental Regulation of PNS Regeneration	Poster	A26–A44	Halls A–C	16 Sun	1–5 p.m.	
210	Adolescent Vulnerability: Animal Models	Poster	A45–B6	Halls A–C	16 Sun	1–5 p.m.	
273	Building a Synapse Through Nuclear Export of Large RNA Granules and Exosomes	Special Lecture		Hall D	17 Mon	8:30–9:40 a.m.	1.25
294	Neurogenesis	Poster	A1–A21	Halls A–C	17 Mon	8 a.m.–noon	
295	Transplantation	Poster	A22–A38	Halls A–C	17 Mon	8 a.m.–noon	
296	Intrinsic Mechanisms of PNS Regeneration	Poster	A39–A52	Halls A–C	17 Mon	8 a.m.–noon	
382	Disease Modeling Using Pluripotent Stem Cells I	Nanosymposium		156	17 Mon	1–4:30 p.m.	
394	Postnatal Neurogenesis: Molecular Mechanisms	Poster	A1–A30	Halls A–C	17 Mon	1–5 p.m.	
395	Postnatal Neurogenesis: Environmental and Pharmacological Regulation	Poster	A31–A52	Halls A–C	17 Mon	1–5 p.m.	
396	Postnatal Neurogenesis: Temporal and Spatial Patterns	Poster	A53–B3	Halls A–C	17 Mon	1–5 p.m.	
397	Neural Differentiation of Pluripotent Stem Cells	Poster	B4–B33	Halls A–C	17 Mon	1–5 p.m.	
398	Activity-Dependent Changes in Connectivity	Poster	B34–C3	Halls A–C	17 Mon	1–5 p.m.	
399	Intrinsic Mechanisms of CNS Regeneration	Poster	C4–C27	Halls A–C	17 Mon	1–5 p.m.	
476	Novel RNA Modifications in the Nervous System: Form and Function	Minisymposium		Ballroom B	18 Tues	8:30–11 a.m.	2.5
493	Patterning of Brain	Poster	A1–A24	Halls A–C	18 Tues	8 a.m.–noon	
494	Brain Patterning and Cell Death	Poster	A25–A50	Halls A–C	18 Tues	8 a.m.–noon	
495	Proliferation: Self-Renewal and Cell Cycle	Poster	A51–B9	Halls A–C	18 Tues	8 a.m.–noon	
496	Proliferation: Molecular Mechanisms	Poster	B10–B29	Halls A–C	18 Tues	8 a.m.–noon	
497	Neuron-Glia Interactions During Development	Poster	B30–B51	Halls A–C	18 Tues	8 a.m.–noon	
498	Development of Motor, Sensory, and Limbic Systems	Poster	B52–C6	Halls A–C	18 Tues	8 a.m.–noon	
499	Evolution of Developmental Mechanisms	Poster	C7–C27	Halls A–C	18 Tues	8 a.m.–noon	
569	Cellular and Molecular Mechanisms of Neural Regeneration	Symposium		Ballroom A	18 Tues	1:30–4 p.m.	2.5
576	Synapse Function in Development and Disease	Nanosymposium		147A	18 Tues	1–3:15 p.m.	
588	Neuronal Differentiation: Transcriptional Mechanisms	Poster	A1–A11	Halls A–C	18 Tues	1–5 p.m.	
589	Oligodendrocyte and Schwann Cell Biology	Poster	A12–A32	Halls A–C	18 Tues	1–5 p.m.	
590	Disease Modeling Using Pluripotent Stem Cells II	Poster	A33–A62	Halls A–C	18 Tues	1–5 p.m.	
591	Axon Growth and Guidance: Cytoskeletal Dynamics	Poster	A63–B15	Halls A–C	18 Tues	1–5 p.m.	
592	Axon Growth and Guidance: Adhesion Molecules	Poster	B16–B28	Halls A–C	18 Tues	1–5 p.m.	
593	Axon Growth and Guidance: Intrinsic Mechanisms	Poster	B29–B58	Halls A–C	18 Tues	1–5 p.m.	
594	Axon Growth and Guidance: Extrinsic Mechanisms	Poster	B59–C11	Halls A–C	18 Tues	1–5 p.m.	
595	Extrinsic Mechanisms Controlling CNS Regeneration	Poster	C12–C28	Halls A–C	18 Tues	1–5 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
681	Induced Neurogenesis	Poster	A1–A9	Halls A–C	19 Wed	8 a.m.–noon	
777	Synapse Development	Poster	A1–A25	Halls A–C	19 Wed	1–5 p.m.	
778	Synapse Formation: Transynaptic Mechanisms	Poster	A26–A33	Halls A–C	19 Wed	1–5 p.m.	
779	Development of Motor Systems	Poster	A34–A47	Halls A–C	19 Wed	1–5 p.m.	
780	Development of Sensory Systems	Poster	A48–B9	Halls A–C	19 Wed	1–5 p.m.	
THEME B: NEURAL EXCITABILITY, SYNAPSES, AND GLIA: CELLULAR MECHANISMS							
005	Network-Mediated Encoding of Circadian Time: The Suprachiasmatic Nucleus (SCN) From Genes to Neurons to Circuits and Back	Minisymposium		145B	15 Sat	1:30–4 p.m.	2.5
034	Dopamine and Dopamine Receptor Function	Poster	B36–B60	Halls A–C	15 Sat	1–5 p.m.	
035	Opiate, Cytokines, and Other Neuropeptides	Poster	C1–C11	Halls A–C	15 Sat	1–5 p.m.	
036	Muscarinic Acetylcholine and Metabotropic Glutamate Receptors	Poster	C12–C37	Halls A–C	15 Sat	1–5 p.m.	
037	Postsynaptic Structure I	Poster	C38–C49	Halls A–C	15 Sat	1–5 p.m.	
038	Electrical Synapse and Gap Junction	Poster	C50–C57	Halls A–C	15 Sat	1–5 p.m.	
039	Signal Propagation in Neural Networks	Poster	C58–D12	Halls A–C	15 Sat	1–5 p.m.	
040	Oscillations and Synchrony	Poster	D13–D25	Halls A–C	15 Sat	1–5 p.m.	
104	Activity-Dependent Regulation of Synapse Organization and Function by Palmitoylation	Minisymposium		151AB	16 Sun	8:30–11 a.m.	2.5
109	Astrocyte Action in CNS Disorders	Nanosymposium		144A	16 Sun	8–11 a.m.	
123	Diversity of Glutamate Receptors	Poster	A66–B15	Halls A–C	16 Sun	8 a.m.–noon	
124	Glycine and GABAA Receptors	Poster	B16–B42	Halls A–C	16 Sun	8 a.m.–noon	
125	TRP Channels	Poster	B43–B54	Halls A–C	16 Sun	8 a.m.–noon	
126	Ion Channels and Disease States I	Poster	B55–C4	Halls A–C	16 Sun	8 a.m.–noon	
127	Glutamate and Glutamate Transporters	Poster	C5–C27	Halls A–C	16 Sun	8 a.m.–noon	
128	Synaptic Transmission: Synaptic Integration I	Poster	C28–C43	Halls A–C	16 Sun	8 a.m.–noon	
129	Synaptic Transmission: Synaptic Integration II	Poster	C44–C60	Halls A–C	16 Sun	8 a.m.–noon	
130	Oscillations and Synchrony in Neural Networks	Poster	C61–D3	Halls A–C	16 Sun	8 a.m.–noon	
131	Oligodendrocytes: Cell Biology and Signaling I	Poster	D4–D18	Halls A–C	16 Sun	8 a.m.–noon	
193	Mitochondria in the Development and Plasticity of Neurons	Minisymposium		146AB	16 Sun	1:30–4 p.m.	2.5
211	Neurotransmitter Signaling in Health and Disease	Poster	B7–B32	Halls A–C	16 Sun	1–5 p.m.	
212	Calcium Channels: Functions and Regulation of Voltage-Gated Calcium Channels	Poster	B33–C1	Halls A–C	16 Sun	1–5 p.m.	
213	Postsynaptic Structure II	Poster	C2–C26	Halls A–C	16 Sun	1–5 p.m.	
214	LTP: Pre- and Postsynaptic Mechanisms I	Poster	C27–C40	Halls A–C	16 Sun	1–5 p.m.	
215	Oscillations: Mechanisms	Poster	C41–C62	Halls A–C	16 Sun	1–5 p.m.	
216	Neural Oscillators and Activity-Dependent Plasticity of Intrinsic Membrane Properties	Poster	C63–D8	Halls A–C	16 Sun	1–5 p.m.	
217	Synapse Development, Maintenance, and Aging	Poster	D9–D20	Halls A–C	16 Sun	1–5 p.m.	
297	GABAA Receptors in Circuitry	Poster	A53–A65	Halls A–C	17 Mon	8 a.m.–noon	

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298	Sodium Channel Structure Function	Poster	A66–B24	Halls A–C	17 Mon	8 a.m.–noon	
299	Ion Channels and Disease States II	Poster	B25–B55	Halls A–C	17 Mon	8 a.m.–noon	
300	Synaptic Transmission: Modulation I	Poster	B56–C7	Halls A–C	17 Mon	8 a.m.–noon	
301	Synaptic Transmission: Modulation II	Poster	C8–C22	Halls A–C	17 Mon	8 a.m.–noon	
302	Synaptic Plasticity	Poster	C23–C36	Halls A–C	17 Mon	8 a.m.–noon	
303	Oscillations: EEG	Poster	C37–C59	Halls A–C	17 Mon	8 a.m.–noon	
304	Dendritic Excitability and Synaptic Integration	Poster	C60–C72	Halls A–C	17 Mon	8 a.m.–noon	
305	Astroglial Homeostasis and Function	Poster	D1–D32	Halls A–C	17 Mon	8 a.m.–noon	
306	Oligodendrocytes: Cell Biology and Signaling II	Poster	D33–D46	Halls A–C	17 Mon	8 a.m.–noon	
383	Microglia	Nanosymposium		144A	17 Mon	1–3:30 p.m.	
400	Invertebrate Transmission	Poster	C28–C41	Halls A–C	17 Mon	1–5 p.m.	
401	Nicotinic Receptors: Physiology and Pharmacology	Poster	C42–C71	Halls A–C	17 Mon	1–5 p.m.	
402	Neurotransmitter Release: Docking, Fusion, and Calcium Dependence	Poster	C72–D18	Halls A–C	17 Mon	1–5 p.m.	
403	Neurotransmitter Release: Vesicle Recycling and Biogenesis	Poster	D19–D33	Halls A–C	17 Mon	1–5 p.m.	
404	LTP: Pre-and Postsynaptic Mechanisms II	Poster	D34–D47	Halls A–C	17 Mon	1–5 p.m.	
473	Aerobic Glycolysis in the Brain: Emerging Roles of Lactate in Synaptic Plasticity and Axonal Function	Symposium		151AB	18 Tues	8:30–11 a.m.	2.5
480	How Do You Feel? The Role of Mechanically Activated Ion Channels in Touch, Pain, Hearing, and Beyond	Special Lecture		Hall D	18 Tues	11:30–12:40 p.m.	1.25
481	Oscillations and Synchrony	Nanosymposium		152B	18 Tues	8–10:45 a.m.	
500	Structure and Function of Nicotinic Receptors and Asics	Poster	C28–C56	Halls A–C	18 Tues	8 a.m.–noon	
501	NMDA Receptor Structure and Function	Poster	C57–D8	Halls A–C	18 Tues	8 a.m.–noon	
502	Purine and Other G-Protein Coupled Receptors	Poster	D9–D38	Halls A–C	18 Tues	8 a.m.–noon	
503	Serotonin and GABA Transporters	Poster	D39–D50	Halls A–C	18 Tues	8 a.m.–noon	
504	Dopamine Transporters	Poster	D51–E4	Halls A–C	18 Tues	8 a.m.–noon	
505	LTP: Kinases and Intracellular Signaling	Poster	E5–F10	Halls A–C	18 Tues	8 a.m.–noon	
506	Spike Timing Dependent Plasticity	Poster	F11–G10	Halls A–C	18 Tues	8 a.m.–noon	
507	Cellular Mechanisms of Modulation of Neuronal Firing Properties	Poster	G11–I12	Halls A–C	18 Tues	8 a.m.–noon	
508	Astroglia Function and Reaction to Pathological Processes	Poster	J1–L8	Halls A–C	18 Tues	8 a.m.–noon	
509	Microglia Activation Pathways	Poster	L9–N3	Halls A–C	18 Tues	8 a.m.–noon	
510	Microglia Functions	Poster	N4–O12	Halls A–C	18 Tues	8 a.m.–noon	
511	Glial Physiology and Glia-Neuronal Physiology	Poster	P1–R9	Halls A–C	18 Tues	8 a.m.–noon	
570	More Than a Pore: Ion Channel Signaling Complexes	Symposium		151AB	18 Tues	1:30–4 p.m.	2.5

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577	Physiology of Glia–Neuronal Interactions	Nanosymposium		206	18 Tues	1–4:30 p.m.	
596	Synaptic Signaling: Retrograde Messengers	Poster	C29–C42	Halls A–C	18 Tues	1–5 p.m.	
597	Cellular Mechanisms of Neural Excitability: Ion Channels	Poster	C43–C59	Halls A–C	18 Tues	1–5 p.m.	
598	Presynaptic Organization and Structure	Poster	C60–D15	Halls A–C	18 Tues	1–5 p.m.	
599	Synaptic Transmission: Modulation III	Poster	D16–D42	Halls A–C	18 Tues	1–5 p.m.	
600	Synaptic Plasticity: Short-Term Plasticity	Poster	D43–D55	Halls A–C	18 Tues	1–5 p.m.	
601	Long-Term Depression	Poster	D56–E3	Halls A–C	18 Tues	1–5 p.m.	
662	Exocytosis of Synaptic Vesicles — A Molecular Perspective	Special Lecture		Hall D	19 Wed	8:30–9:40 a.m.	1.25
682	Brain Cholinergic Mechanisms	Poster	A10–A31	Halls A–C	19 Wed	8 a.m.–noon	
683	Opioid Receptor Signaling and Function	Poster	A32–A44	Halls A–C	19 Wed	8 a.m.–noon	
684	Calcium Channels: Intracellular Calcium Signaling	Poster	A45–A54	Halls A–C	19 Wed	8 a.m.–noon	
685	Ca-Gated K Channels	Poster	A55–A61	Halls A–C	19 Wed	8 a.m.–noon	
686	Neuronal Excitability: HCN and Non-Selective Cation Channels	Poster	A62–B3	Halls A–C	19 Wed	8 a.m.–noon	
687	Acetylcholine and Other Transporters	Poster	B4–B22	Halls A–C	19 Wed	8 a.m.–noon	
688	Homeostatic Synaptic Plasticity and Presynaptic Function	Poster	B23–B45	Halls A–C	19 Wed	8 a.m.–noon	
689	Synaptic Plasticity: Transcription and Translation	Poster	B46–C15	Halls A–C	19 Wed	8 a.m.–noon	
767	Synaptic Plasticity: Molecular and Circuit Mechanisms	Nanosymposium		147A	19 Wed	1–4:15 p.m.	
781	AMPA Receptor Modifications	Poster	B10–B20	Halls A–C	19 Wed	1–5 p.m.	
782	GABAA Receptor Pharmacology and Function	Poster	B21–B35	Halls A–C	19 Wed	1–5 p.m.	
783	Inhibitory Plasticity	Poster	B36–B51	Halls A–C	19 Wed	1–5 p.m.	
784	Serotonin and GABAB GPCRs	Poster	B52–C3	Halls A–C	19 Wed	1–5 p.m.	
785	Spine Dynamics	Poster	C4–C31	Halls A–C	19 Wed	1–5 p.m.	
786	Synaptic Plasticity: Other	Poster	C32–C49	Halls A–C	19 Wed	1–5 p.m.	
787	Oscillations: Connectivity	Poster	C50–C61	Halls A–C	19 Wed	1–5 p.m.	
THEME C: DISORDERS OF THE NERVOUS SYSTEM							
004	C9orf72: A Repeat Disease That Underlies Dementia and Neurodegeneration	Symposium		151AB	15 Sat	1:30–4 p.m.	2.5
010	Neurogenesis and Neurotransmission in Neurodegenerative Diseases	Nanosymposium		152A	15 Sat	1–2:45 p.m.	
011	Autism Synaptic and Cellular Mechanisms	Nanosymposium		144A	15 Sat	1–3 p.m.	
012	Demyelinating Disorders	Nanosymposium		152B	15 Sat	1–4:15 p.m.	
013	Psychomotor Stimulant Reinforcement	Nanosymposium		140A	15 Sat	1–3:30 p.m.	

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041	Alzheimer's Disease: Tau Animal Models	Poster	D26–D46	Halls A–C	15 Sat	1–5 p.m.	
042	Beta Amyloid Toxicity	Poster	D47–D70	Halls A–C	15 Sat	1–5 p.m.	
043	Alzheimer's Disease: Proteinopathy, Non-Abeta, and Non-Tau	Poster	D71–F3	Halls A–C	15 Sat	1–5 p.m.	
044	Alzheimer's Disease: Imaging and Biomarkers	Poster	F4–H9	Halls A–C	15 Sat	1–5 p.m.	
045	Huntington's Disease Animal Models and Therapeutic Strategies	Poster	H10–J5	Halls A–C	15 Sat	1–5 p.m.	
046	Huntington's Disease Mechanisms I	Poster	J6–L12	Halls A–C	15 Sat	1–5 p.m.	
047	Dystonia Mechanisms and Model Systems	Poster	M1–N7	Halls A–C	15 Sat	1–5 p.m.	
048	Neuromuscular Diseases	Poster	N8–P1	Halls A–C	15 Sat	1–5 p.m.	
049	Epilepsy: Synapses and Ion Channels	Poster	P2–R9	Halls A–C	15 Sat	1–5 p.m.	
050	Neurological Disease: Cellular Mechanisms and Oxidative Stress	Poster	R10–S9	Halls A–C	15 Sat	1–5 p.m.	
051	Schizophrenia and Bipolar Disorder	Poster	S10–U11	Halls A–C	15 Sat	1–5 p.m.	
052	Schizophrenia: Mutant Models	Poster	U12–V4	Halls A–C	15 Sat	1–5 p.m.	
053	Alcohol: Neural Mechanisms and Behavior I	Poster	V5–V23	Halls A–C	15 Sat	1–5 p.m.	
054	Cocaine Reinforcement I	Poster	V24–W21	Halls A–C	15 Sat	1–5 p.m.	
055	Methamphetamine and MDMA	Poster	W22–X4	Halls A–C	15 Sat	1–5 p.m.	
056	Addiction Treatment: Translational and Clinical Studies	Poster	X5–X15	Halls A–C	15 Sat	1–5 p.m.	
057	Learning, Memory, Dependence, and Addiction	Poster	X16–Y15	Halls A–C	15 Sat	1–5 p.m.	
105	Lipidomics and Lipid Signaling in Neurodegeneration	Minisymposium		145B	16 Sun	8:30–11 a.m.	2.5
107	The Glymphatic System and Its Possible Roles in CNS Diseases	Special Lecture		Hall D	16 Sun	10–11:10 a.m.	1.25
110	Alzheimer's Disease: Genetics and Biology I	Nanosymposium		152A	16 Sun	8–11:30 a.m.	
111	Motor Neuron Disease Mechanisms and Models	Nanosymposium		143A	16 Sun	8–11:15 a.m.	
112	Autism: Physiology and Systems III	Nanosymposium		146C	16 Sun	8–10:15 a.m.	
113	Traumatic Brain Injury: Exploring Mechanisms and Interventions	Nanosymposium		150B	16 Sun	8–10:45 a.m.	
114	Gene Therapy	Nanosymposium		140A	16 Sun	8–10:15 a.m.	
132	Brain Wellness	Poster	D19–D44	Halls A–C	16 Sun	8 a.m.–noon	
133	Abeta Pathology and Therapeutic Approaches	Poster	D45–D71	Halls A–C	16 Sun	8 a.m.–noon	
134	Alzheimer's Disease: APP Abeta <i>In Vivo</i> Models I	Poster	D72–F9	Halls A–C	16 Sun	8 a.m.–noon	
135	Alzheimer's Disease: Experimental Therapeutics II	Poster	F10–H10	Halls A–C	16 Sun	8 a.m.–noon	
136	Alzheimer's Disease: Experimental Therapeutics III	Poster	H11–J11	Halls A–C	16 Sun	8 a.m.–noon	
137	Parkinson's Disease: Animal Therapies	Poster	J12–M5	Halls A–C	16 Sun	8 a.m.–noon	
138	Parkinson's Disease: Neuroprotective Mechanisms	Poster	M6–O6	Halls A–C	16 Sun	8 a.m.–noon	

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139	Ataxias: Mechanisms and Models	Poster	O7–Q9	Halls A–C	16 Sun	8 a.m.–noon	
140	Autism: Physiology and Systems I	Poster	R1–S10	Halls A–C	16 Sun	8 a.m.–noon	
141	Autism: Physiology and Systems II	Poster	S11–T10	Halls A–C	16 Sun	8 a.m.–noon	
142	Developmental Disorders I	Poster	T11–U22	Halls A–C	16 Sun	8 a.m.–noon	
143	Ischemia: Cellular Mechanisms and Neuroprotection I	Poster	U23–V12	Halls A–C	16 Sun	8 a.m.–noon	
144	Neuroprotective Mechanisms: Oxidative Stress	Poster	V13–W6	Halls A–C	16 Sun	8 a.m.–noon	
145	Environmental Toxins and Toxicity	Poster	W7–W26	Halls A–C	16 Sun	8 a.m.–noon	
146	Neurodegeneration I	Poster	W27–X20	Halls A–C	16 Sun	8 a.m.–noon	
147	Sensory Disorders: Visual and Auditory	Poster	X21–Y19	Halls A–C	16 Sun	8 a.m.–noon	
148	Somatosensation and Pain	Poster	Y20–Z13	Halls A–C	16 Sun	8 a.m.–noon	
149	Molecular– and Cellular–Oriented Models of Schizophrenia	Poster	Z14–Z36	Halls A–C	16 Sun	8 a.m.–noon	
150	Stress and Drug Abuse: Alcohol and Nicotine	Poster	AA1–AA13	Halls A–C	16 Sun	8 a.m.–noon	
151	Amphetamine Reinforcement I	Poster	AA14–BB17	Halls A–C	16 Sun	8 a.m.–noon	
152	Food and Addiction Mechanisms	Poster	BB18–BB31	Halls A–C	16 Sun	8 a.m.–noon	
153	Mechanisms of Drug Withdrawal and Aversion	Poster	BB32–CC19	Halls A–C	16 Sun	8 a.m.–noon	
154	Traumatic Brain Injury: Perinatal and Pediatric	Poster	CC20–CC32	Halls A–C	16 Sun	8 a.m.–noon	
194	Emerging Roles of Extracellular Vesicles in the Nervous System	Minisymposium		151AB	16 Sun	1:30–4 p.m.	2.5
197	Molecular and Functional Biomarkers of Neurodegeneration	Nanosymposium		144A	16 Sun	1–2:45 p.m.	
198	Neuroinflammation in Alzheimer's Disease	Nanosymposium		143A	16 Sun	1–3:45 p.m.	
199	Neuroprotection in Parkinson's Disease: Mechanisms and Therapies	Nanosymposium		206	16 Sun	1–4:30 p.m.	
200	Fragile X Syndrome: Molecular Mechanisms and Therapeutic Strategies	Nanosymposium		147B	16 Sun	1–4:15 p.m.	
201	Epilepsy: Man and Mouse	Nanosymposium		146C	16 Sun	1–3:15 p.m.	
202	Traumatic Brain Injury: Animal and Human Studies	Nanosymposium		152A	16 Sun	1–4:30 p.m.	
218	Parkinson's Disease: Neuroprotective Therapies	Poster	D21–D44	Halls A–C	16 Sun	1–5 p.m.	
220	Epilepsy: Circuits	Poster	D45–D56	Halls A–C	16 Sun	1–5 p.m.	
221	Ischemia: Cellular Mechanisms and Neuroprotection II	Poster	D57–E7	Halls A–C	16 Sun	1–5 p.m.	
222	Ischemia: Neuroprotection	Poster	E8–G1	Halls A–C	16 Sun	1–5 p.m.	
223	Demyelinating Disorders	Poster	G2–I7	Halls A–C	16 Sun	1–5 p.m.	
224	Demyelinating Disorders: Human Studies and Therapeutics	Poster	I8–L2	Halls A–C	16 Sun	1–5 p.m.	
225	Traumatic Brain Injury: Animal Studies	Poster	L3–N8	Halls A–C	16 Sun	1–5 p.m.	
226	Excitotoxicity and Metabolic Stress	Poster	N9–Q1	Halls A–C	16 Sun	1–5 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
227	Drugs, Pharmaceuticals, and Toxicity	Poster	Q2–S1	Halls A–C	16 Sun	1–5 p.m.	
228	Gene Therapy	Poster	S2–T2	Halls A–C	16 Sun	1–5 p.m.	
229	Psychosis: Neuropathology	Poster	T3–U12	Halls A–C	16 Sun	1–5 p.m.	
230	Systems-Oriented Models of Schizophrenia	Poster	U13–V2	Halls A–C	16 Sun	1–5 p.m.	
231	Nicotine: Reward and Seeking	Poster	V3–V32	Halls A–C	16 Sun	1–5 p.m.	
232	Cocaine: Neural Mechanisms I	Poster	W1–W23	Halls A–C	16 Sun	1–5 p.m.	
233	Catecholamines and Behavior	Poster	W24–X9	Halls A–C	16 Sun	1–5 p.m.	
234	Drug Discovery and Development: Neurodegenerative Diseases I	Poster	X10–Y14	Halls A–C	16 Sun	1–5 p.m.	
275	Target Validation in Huntington's Disease: Advances Through the Development and Use of Animal Models	Symposium		146AB	17 Mon	8:30–11 a.m.	2.5
280	Genes and Environment Interaction During Development: Redox Imbalance in Schizophrenia	Special Lecture		Hall D	17 Mon	10–11:10 a.m.	1.25
282	Parkinson's Disease: LRRK2	Nanosymposium		147A	17 Mon	8–10:45 a.m.	
283	Aging Brain and Cognition	Nanosymposium		152B	17 Mon	8–11:30 a.m.	
284	Ischemia: Cellular Mechanisms and Neuroprotection I	Nanosymposium		146C	17 Mon	8–10:30 a.m.	
286	Spinal Cord Injury: Therapeutic Strategies	Nanosymposium		152A	17 Mon	8–11:30 a.m.	
287	Mood Disorders: Novel Therapeutic Mechanisms	Nanosymposium		140A	17 Mon	8–11:15 a.m.	
307	Alzheimer's Disease: APP Abeta Tau Interactions I	Poster	D47–D72	Halls A–C	17 Mon	8 a.m.–noon	
308	Microglia and Inflammatory Mediators in Neurodegeneration	Poster	E1–G6	Halls A–C	17 Mon	8 a.m.–noon	
309	Parkinson's Disease: Human Studies	Poster	G7–I12	Halls A–C	17 Mon	8 a.m.–noon	
310	Animal Studies on the Aging Brain	Poster	J1–L9	Halls A–C	17 Mon	8 a.m.–noon	
311	Animal Models of Epilepsy I	Poster	L10–N12	Halls A–C	17 Mon	8 a.m.–noon	
312	Animal Models of Pediatric Epilepsy	Poster	O1–P1	Halls A–C	17 Mon	8 a.m.–noon	
313	Anticonvulsant Therapies for Seizures	Poster	P2–R1	Halls A–C	17 Mon	8 a.m.–noon	
314	Non-Pharmacological Treatments for Seizures	Poster	R2–T2	Halls A–C	17 Mon	8 a.m.–noon	
315	Spinal Cord Injury: Therapeutic Strategies I	Poster	T3–U19	Halls A–C	17 Mon	8 a.m.–noon	
316	Neurodegeneration II	Poster	U20–U35	Halls A–C	17 Mon	8 a.m.–noon	
317	Neuroinflammation and Neurological Diseases	Poster	U36–V13	Halls A–C	17 Mon	8 a.m.–noon	
318	Neuro-Oncology I	Poster	V14–W8	Halls A–C	17 Mon	8 a.m.–noon	
319	Neuro-Oncology II	Poster	W9–W26	Halls A–C	17 Mon	8 a.m.–noon	
320	Psychosis: Brain Imaging and EEG Studies	Poster	W27–X12	Halls A–C	17 Mon	8 a.m.–noon	
321	Mood Disorders: Novel Therapeutic Mechanisms	Poster	X13–Y17	Halls A–C	17 Mon	8 a.m.–noon	
322	Cellular and Molecular Basis for Mood Disorders	Poster	Y18–Y27	Halls A–C	17 Mon	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
323	Anxiety and Anxiolytic Mechanisms	Poster	Y28–Z5	Halls A–C	17 Mon	8 a.m.–noon	
324	Alcohol: Neural Mechanism and Behavior II	Poster	Z6–Z35	Halls A–C	17 Mon	8 a.m.–noon	
325	Cocaine: Cellular and Synaptic Studies	Poster	Z36–AA15	Halls A–C	17 Mon	8 a.m.–noon	
326	Cocaine: Neural Mechanisms II	Poster	AA16–BB10	Halls A–C	17 Mon	8 a.m.–noon	
327	Opiate Addiction	Poster	BB11–CC1	Halls A–C	17 Mon	8 a.m.–noon	
375	Repairing and Piloting Neuronal Networks to Control Epilepsy	Symposium		Ballroom A	17 Mon	1:30–4 p.m.	2.5
377	Endocannabinoids and Related Mediators in Brain Function	Minisymposium		Ballroom C	17 Mon	1:30–4 p.m.	2.5
384	Synaptic Signaling and Neurotransmitter Deficits in Alzheimer's Disease	Nanosymposium		150B	17 Mon	1–3:30 p.m.	
385	Neuroimaging in Alzheimer's Disease and Tauopathies	Nanosymposium		152B	17 Mon	1–3 p.m.	
386	Neurodegeneration Mechanisms in Parkinson's Disease	Nanosymposium		147A	17 Mon	1–4:45 p.m.	
387	Cocaine: New Findings on Neural Mechanisms	Nanosymposium		140A	17 Mon	1–3 p.m.	
405	APP Function and Processing	Poster	D48–D65	Halls A–C	17 Mon	1–5 p.m.	
406	APP and Abeta Pathology Models	Poster	D66–F7	Halls A–C	17 Mon	1–5 p.m.	
407	Amyloid Beta Aggregation and Toxicity	Poster	F8–G9	Halls A–C	17 Mon	1–5 p.m.	
408	Alzheimer's Disease: APOE and Cholesterol	Poster	G10–I4	Halls A–C	17 Mon	1–5 p.m.	
409	Parkinson's Disease Models II	Poster	I5–J11	Halls A–C	17 Mon	1–5 p.m.	
410	Parkinson's Disease: Genetic Models	Poster	J12–L7	Halls A–C	17 Mon	1–5 p.m.	
411	Parkinson's Disease: Alpha-Synuclein	Poster	L8–N6	Halls A–C	17 Mon	1–5 p.m.	
412	Parkinson's Disease: Clinical Therapies	Poster	N7–P3	Halls A–C	17 Mon	1–5 p.m.	
413	Proteopathic Mechanisms in Parkinson's Disease	Poster	P4–R7	Halls A–C	17 Mon	1–5 p.m.	
414	Parkinson's Disease: Circuit Mechanisms	Poster	R8–T5	Halls A–C	17 Mon	1–5 p.m.	
415	Huntington's Disease Animal Models and Therapeutics	Poster	T6–U17	Halls A–C	17 Mon	1–5 p.m.	
416	SBMA and Other Non-Huntington's Disease Repeat Diseases	Poster	U18–U25	Halls A–C	17 Mon	1–5 p.m.	
417	Motor Neuron Disease: Cellular Mechanisms	Poster	U26–V16	Halls A–C	17 Mon	1–5 p.m.	
418	Down Syndrome Molecular Mechanisms	Poster	V17–V30	Halls A–C	17 Mon	1–5 p.m.	
419	Epilepsy: Networks	Poster	V31–W18	Halls A–C	17 Mon	1–5 p.m.	
420	Ischemia: Cellular Mechanisms and Neuroprotection III	Poster	W19–X1	Halls A–C	17 Mon	1–5 p.m.	
421	Traumatic Brain Injury: Neurogenesis and Neurophysiology	Poster	X2–X19	Halls A–C	17 Mon	1–5 p.m.	
422	Spinal Cord Injury: Animal Models and Human Studies	Poster	X20–Y25	Halls A–C	17 Mon	1–5 p.m.	
423	Nerve Agents and Warfare Illness	Poster	Y26–Z11	Halls A–C	17 Mon	1–5 p.m.	
424	Psychosis: Genetic Mechanisms	Poster	Z12–Z33	Halls A–C	17 Mon	1–5 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
425	Mood Disorders: Ketamine	Poster	Z34-AA9	Halls A-C	17 Mon	1-5 p.m.	
426	Mood Disorders: SSRIs	Poster	AA10-AA22	Halls A-C	17 Mon	1-5 p.m.	
427	Post-Traumatic Stress Disorder and Brain Trauma	Poster	AA23-BB9	Halls A-C	17 Mon	1-5 p.m.	
428	Alcohol: Intake and Preference	Poster	BB10-CC5	Halls A-C	17 Mon	1-5 p.m.	
429	Alcohol: Behavioral Effects	Poster	CC6-CC31	Halls A-C	17 Mon	1-5 p.m.	
430	Cocaine Reinforcement II	Poster	CC32-DD22	Halls A-C	17 Mon	1-5 p.m.	
477	The Role of Mitochondrial Dynamics and Brain Metabolism in Health and Disease	Minisymposium		145B	18 Tues	8:30-11 a.m.	2.5
478	Trafficking Dysfunction in Neurodegenerative Diseases	Minisymposium		146AB	18 Tues	8:30-11 a.m.	2.5
479	Persistent Cocaine-Induced Plasticity and Synaptic Targets for Its Reversal	Special Lecture		Hall D	18 Tues	10-11:10 a.m.	1.25
482	Aggregation of Amyloid, Tau, and Other Proteins	Nanosymposium		152A	18 Tues	8-11:15 a.m.	
483	Modeling APP and Abeta Pathology in Animals	Nanosymposium		147B	18 Tues	8-10:15 a.m.	
484	Alpha-Synuclein and LRRK2 Mechanisms in Parkinson's Disease	Nanosymposium		146C	18 Tues	8-10:45 a.m.	
485	Epilepsy: Circuits, Mechanisms, and Potential Therapies	Nanosymposium		144A	18 Tues	8-11:15 a.m.	
486	Traumatic Brain Injury: Therapeutic Strategies I	Nanosymposium		156	18 Tues	8-11:30 a.m.	
487	Biomarkers for Psychosis: EEG and Imaging	Nanosymposium		150B	18 Tues	8-11:15 a.m.	
512	Parkinson's Disease: Imaging, Dyskinesia, and Development	Poster	R10-T4	Halls A-C	18 Tues	8 a.m.-noon	
513	Parkinson's Disease: Neuroprotection	Poster	T5-U13	Halls A-C	18 Tues	8 a.m.-noon	
514	Motor Neuron Disease Therapeutics	Poster	U14-V4	Halls A-C	18 Tues	8 a.m.-noon	
515	Rett Syndrome	Poster	V5-V32	Halls A-C	18 Tues	8 a.m.-noon	
516	Down Syndrome Anatomical and Behavioral Correlations	Poster	W1-W13	Halls A-C	18 Tues	8 a.m.-noon	
517	Developmental Disorders II	Poster	W14-W31	Halls A-C	18 Tues	8 a.m.-noon	
518	Developmental Disorders: Animal Models I	Poster	W32-Y1	Halls A-C	18 Tues	8 a.m.-noon	
519	Developmental Disorders: Animal Models II	Poster	Y2-Y30	Halls A-C	18 Tues	8 a.m.-noon	
520	Animal Models of Epilepsy II	Poster	Y31-Z21	Halls A-C	18 Tues	8 a.m.-noon	
521	Anticonvulsant and Antiepileptic Therapies	Poster	Z22-AA4	Halls A-C	18 Tues	8 a.m.-noon	
522	Traumatic Brain Injury: Mechanisms and Therapeutics I	Poster	AA5-BB8	Halls A-C	18 Tues	8 a.m.-noon	
523	Spinal Cord Injury: Therapeutic Strategies II	Poster	BB9-CC5	Halls A-C	18 Tues	8 a.m.-noon	
524	Schizophrenia: Dopamine and Antipsychotic Drugs	Poster	CC6-CC24	Halls A-C	18 Tues	8 a.m.-noon	
525	Schizophrenia: Experimental Therapeutics and Preclinical Pharmacology	Poster	CC25-DD10	Halls A-C	18 Tues	8 a.m.-noon	
526	Opiate Reinforcement	Poster	DD11-DD22	Halls A-C	18 Tues	8 a.m.-noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
527	Monoamines and Behavior: Serotonin and Histamine	Poster	DD23–EE7	Halls A–C	18 Tues	8 a.m.–noon	
528	Drug Discovery and Development: Neurodegenerative Diseases II	Poster	EE8–FF1	Halls A–C	18 Tues	8 a.m.–noon	
571	Bath Salts, Spice, and Related Designer Drugs: The Science Behind the Headlines	Minisymposium		Ballroom B	18 Tues	1:30–4 p.m.	2.5
578	Tauopathy: Molecular Pathogenesis and Experimental Therapy	Nanosymposium		152A	18 Tues	1–3 p.m.	
579	Risk Factors for Neurodegenerative Diseases	Nanosymposium		150B	18 Tues	1–3:15 p.m.	
580	Parkinson's Disease: Mechanisms and Circuits	Nanosymposium		146C	18 Tues	1–3:45 p.m.	
581	Ischemia: Cellular Mechanisms and Neuroprotection II	Nanosymposium		156	18 Tues	1–3 p.m.	
602	Autism Behavioral Analysis I	Poster	E4–G3	Halls A–C	18 Tues	1–5 p.m.	
603	Autism Genetic Models	Poster	G4–I2	Halls A–C	18 Tues	1–5 p.m.	
604	Autism Synaptic and Cellular Mechanisms	Poster	I3–K3	Halls A–C	18 Tues	1–5 p.m.	
605	Status Epilepticus-Induced Changes	Poster	K4–L9	Halls A–C	18 Tues	1–5 p.m.	
606	Human Studies of Epilepsy	Poster	L10–O1	Halls A–C	18 Tues	1–5 p.m.	
607	Traumatic Brain Injury: Cellular Events and Repair	Poster	O2–Q3	Halls A–C	18 Tues	1–5 p.m.	
608	Traumatic Brain Injury: Mechanisms and Therapeutics II	Poster	Q4–S12	Halls A–C	18 Tues	1–5 p.m.	
609	Spinal Cord Signaling in Trauma	Poster	T1–U11	Halls A–C	18 Tues	1–5 p.m.	
610	Neuroprotection in Ischemia, Stress, and Injury	Poster	U12–U30	Halls A–C	18 Tues	1–5 p.m.	
611	Ischemia Inflammation: White Cells and Cytokines	Poster	U31–V6	Halls A–C	18 Tues	1–5 p.m.	
612	Neuroinflammation: HIV and Infections	Poster	V7–V26	Halls A–C	18 Tues	1–5 p.m.	
613	Schizophrenia: Glutamate	Poster	V27–W14	Halls A–C	18 Tues	1–5 p.m.	
614	Biomarkers in Serious Mental Illness	Poster	W15–X4	Halls A–C	18 Tues	1–5 p.m.	
615	Depression Biology	Poster	X5–Y8	Halls A–C	18 Tues	1–5 p.m.	
616	Cocaine: Behavioral Studies	Poster	Y9–Y30	Halls A–C	18 Tues	1–5 p.m.	
617	Cocaine: Neural Mechanisms III	Poster	Y31–Z16	Halls A–C	18 Tues	1–5 p.m.	
618	Cocaine and Amphetamine Reinforcement	Poster	Z17–Z31	Halls A–C	18 Tues	1–5 p.m.	
619	Exposure to Addictive Drugs: Genetic and Behavioral Effects	Poster	Z32–AA22	Halls A–C	18 Tues	1–5 p.m.	
663	Infiltration of Innate Immune Cells Into the Injured, Infected, or Inflamed Brain	Symposium		Ballroom B	19 Wed	8:30–11 a.m.	2.5
664	Nature, Nurture, and Trajectories to Mental Health	Symposium		Ballroom A	19 Wed	8:30–11 a.m.	2.5
670	Complex Neurodegenerative Pathologies	Nanosymposium		140A	19 Wed	8–10 a.m.	
671	Alzheimer's Disease: Experimental Therapeutics I	Nanosymposium		147B	19 Wed	8–10 a.m.	
672	Ischemia: Neuroprotection	Nanosymposium		152A	19 Wed	8–11 a.m.	
673	Metabolic and Excitotoxic Mechanisms of Cell Death and Degeneration	Nanosymposium		144A	19 Wed	8–11:30 a.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
690	Alzheimer's Disease: Cognitive Function	Poster	C16–C36	Halls A–C	19 Wed	8 a.m.–noon	
691	Neuropharmacology and Neurotransmission in Dementia	Poster	C37–C61	Halls A–C	19 Wed	8 a.m.–noon	
692	Parkinson's Disease: Animal Intoxication Models	Poster	C62–D15	Halls A–C	19 Wed	8 a.m.–noon	
693	Parkinson's Disease: Cellular Mechanisms	Poster	D16–D42	Halls A–C	19 Wed	8 a.m.–noon	
694	Parkinson's Disease	Poster	D43–D68	Halls A–C	19 Wed	8 a.m.–noon	
695	Mechanisms of Cell Death and Dysfunction	Poster	D69–F1	Halls A–C	19 Wed	8 a.m.–noon	
696	Motor Neuron Disease and Animal Models	Poster	F2–G11	Halls A–C	19 Wed	8 a.m.–noon	
697	Other Neurodegenerative Disorders I	Poster	G12–I7	Halls A–C	19 Wed	8 a.m.–noon	
698	Physiology and Pathophysiology of Hormones	Poster	I8–K4	Halls A–C	19 Wed	8 a.m.–noon	
699	Fragile X Syndrome	Poster	K5–M6	Halls A–C	19 Wed	8 a.m.–noon	
700	Attention Deficit Hyperactivity Disorder	Poster	M7–N7	Halls A–C	19 Wed	8 a.m.–noon	
701	Ischemia: Cellular Mechanisms and Neuroprotection IV	Poster	N8–O8	Halls A–C	19 Wed	8 a.m.–noon	
702	Ischemia: Pathophysiology, Biomarkers, and Treatment	Poster	O9–Q6	Halls A–C	19 Wed	8 a.m.–noon	
703	Traumatic Brain Injury: Human Studies	Poster	Q7–S5	Halls A–C	19 Wed	8 a.m.–noon	
704	Spinal Cord Injury	Poster	S6–U6	Halls A–C	19 Wed	8 a.m.–noon	
705	Peripheral and Central Nerve Injury	Poster	U7–U31	Halls A–C	19 Wed	8 a.m.–noon	
706	Psychosis and Affect: Human Biomarker Studies	Poster	U32–V21	Halls A–C	19 Wed	8 a.m.–noon	
707	Developmental Animal Models of Schizophrenia	Poster	V22–W18	Halls A–C	19 Wed	8 a.m.–noon	
708	Mood Disorders: Human Postmortem	Poster	W19–W33	Halls A–C	19 Wed	8 a.m.–noon	
709	Mood Disorders: Animal Models I	Poster	W34–Y3	Halls A–C	19 Wed	8 a.m.–noon	
710	Mood Disorders Animal Models II	Poster	Y4–Y29	Halls A–C	19 Wed	8 a.m.–noon	
711	Mood Disorders Animal Models III	Poster	Y30–Z25	Halls A–C	19 Wed	8 a.m.–noon	
712	Alcohol: Developmental Effects	Poster	Z26–AA11	Halls A–C	19 Wed	8 a.m.–noon	
713	Drug Discovery and Delivery	Poster	AA12–BB17	Halls A–C	19 Wed	8 a.m.–noon	
714	New Drugs for Pain, Headache, and Migraine	Poster	BB18–BB33	Halls A–C	19 Wed	8 a.m.–noon	
715	Stroke Recovery: Rodent Models	Poster	CC1–CC17	Halls A–C	19 Wed	8 a.m.–noon	
716	Stroke Recovery	Poster	CC18–DD4	Halls A–C	19 Wed	8 a.m.–noon	
717	Stroke: Imaging and Diagnostics I	Poster	DD5–DD25	Halls A–C	19 Wed	8 a.m.–noon	
718	Stroke: Imaging and Diagnostics II	Poster	DD26–EE3	Halls A–C	19 Wed	8 a.m.–noon	
762	Gut Microbes and the Brain: Paradigm Shift in Neuroscience	Symposium		146AB	19 Wed	1:30–4 p.m.	2.5
764	The Latest on the Ubiquitin Pathway and Central Nervous System Disease	Symposium		Ballroom B	19 Wed	1:30–4 p.m.	2.5
765	Human Subcortical Connectivity with High-Field MRI	Minisymposium		Ballroom C	19 Wed	1:30–4 p.m.	2.5
768	APP Functions and Processing Pathways	Nanosymposium		150B	19 Wed	1–3:30 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
769	Huntington's Disease Mechanisms and Therapeutic Strategies	Nanosymposium		147B	19 Wed	1–4:15 p.m.	
770	Repeat Diseases From SBMA to Motor Neuron Disease	Nanosymposium		146C	19 Wed	1–3 p.m.	
771	Stroke Recovery	Nanosymposium		152B	19 Wed	1–4:15 p.m.	
788	Alzheimer's Disease: Tau Biochemistry	Poster	C62–D13	Halls A–C	19 Wed	1–5 p.m.	
789	Alzheimer's Disease: APP Abeta <i>In Vivo</i> Models II	Poster	D14–D37	Halls A–C	19 Wed	1–5 p.m.	
790	Modulation of Disease Pathology in Alzheimer's Disease Models	Poster	D38–D59	Halls A–C	19 Wed	1–5 p.m.	
791	APP Cleavage and Metabolism Processes	Poster	D60–F2	Halls A–C	19 Wed	1–5 p.m.	
792	Alzheimer's Disease: Tauopathy	Poster	F3–H1	Halls A–C	19 Wed	1–5 p.m.	
793	Alzheimer's Disease: Genetics and Biology II	Poster	H2–I6	Halls A–C	19 Wed	1–5 p.m.	
794	Parkinson's Disease Models III	Poster	I7–K9	Halls A–C	19 Wed	1–5 p.m.	
795	Huntington's Disease Mechanisms II	Poster	L1–N1	Halls A–C	19 Wed	1–5 p.m.	
796	Motor Neuron Disease Mechanisms	Poster	N2–P7	Halls A–C	19 Wed	1–5 p.m.	
797	Other Neurodegenerative Disorders II	Poster	P8–S1	Halls A–C	19 Wed	1–5 p.m.	
798	Autism Behavioral Analysis II	Poster	S2–T6	Halls A–C	19 Wed	1–5 p.m.	
799	Autism Environment and Pathology	Poster	T7–U6	Halls A–C	19 Wed	1–5 p.m.	
800	Ischemia: Cellular Mechanisms and Neuroprotection V	Poster	U7–U28	Halls A–C	19 Wed	1–5 p.m.	
801	Ischemia: Cellular Mechanisms and Neuroprotection VI	Poster	U29–V4	Halls A–C	19 Wed	1–5 p.m.	
802	Ischemia: Cellular Mechanisms and Neuroprotection VII	Poster	V5–V21	Halls A–C	19 Wed	1–5 p.m.	
803	Ischemia: Inflammation	Poster	V22–V30	Halls A–C	19 Wed	1–5 p.m.	
804	Ischemia: Neuroprotection II	Poster	V31–W21	Halls A–C	19 Wed	1–5 p.m.	
805	Ischemia: Cellular Mechanisms and Neuroprotection VIII	Poster	W22–W31	Halls A–C	19 Wed	1–5 p.m.	
806	Microglia in Neuroinflammation and Neuroprotection	Poster	W32–X13	Halls A–C	19 Wed	1–5 p.m.	
807	Neuroinflammation	Poster	X14–Y16	Halls A–C	19 Wed	1–5 p.m.	
808	Mood Disorders in Animal Models IV	Poster	Y17–Z13	Halls A–C	19 Wed	1–5 p.m.	
809	Amphetamine Reinforcement II	Poster	Z14–AA1	Halls A–C	19 Wed	1–5 p.m.	
810	Cannabis: Neural Mechanisms and Addiction	Poster	AA2–AA15	Halls A–C	19 Wed	1–5 p.m.	
811	Neural Plasticity, Dependence, and Addiction	Poster	AA16–BB21	Halls A–C	19 Wed	1–5 p.m.	
812	Drug Self-Administration: Behavioral Pharmacology and Molecular Mechanisms	Poster	BB22–BB32	Halls A–C	19 Wed	1–5 p.m.	
813	Neuropeptides and Behavior	Poster	BB33–CC22	Halls A–C	19 Wed	1–5 p.m.	
THEME D: SENSORY AND MOTOR SYSTEMS							
006	The Neural Basis of Affective Touch	Minisymposium		Ballroom B	15 Sat	1:30–4 p.m.	2.5

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
014	Plasticity in the Olfactory System	Nanosymposium		147A	15 Sat	1–3:30 p.m.	
015	Auditory Processing	Nanosymposium		206	15 Sat	1–4 p.m.	
016	Spatial and Feature-Based Attention	Nanosymposium		146C	15 Sat	1–4 p.m.	
017	Plasticity After Spinal Cord Injury	Nanosymposium		143A	15 Sat	1–3 p.m.	
058	Olfaction: Central Circuits and Neurotransmitters	Poster	Y16–Y27	Halls A–C	15 Sat	1–5 p.m.	
059	Retina: Circuits and Coding	Poster	Y28–Z7	Halls A–C	15 Sat	1–5 p.m.	
060	Striate Cortex: Neural Coding	Poster	Z8–Z35	Halls A–C	15 Sat	1–5 p.m.	
061	Visual Processing: Contrast, Form, and Color	Poster	Z36–AA16	Halls A–C	15 Sat	1–5 p.m.	
062	Eye Movements: Cerebellum, Brainstem, and Muscles	Poster	AA17–BB16	Halls A–C	15 Sat	1–5 p.m.	
063	Somatosensory System	Poster	BB17–BB31	Halls A–C	15 Sat	1–5 p.m.	
064	Thalamocortical Mechanisms	Poster	BB32–CC17	Halls A–C	15 Sat	1–5 p.m.	
065	Generation of Motor Patterns	Poster	CC18–DD6	Halls A–C	15 Sat	1–5 p.m.	
066	Parkinson's Disease Models I	Poster	DD7–DD19	Halls A–C	15 Sat	1–5 p.m.	
067	Posture and Gait: Kinematics, Muscle Activity, Exercise and Fatigue, and Biomechanics I	Poster	DD20–EE6	Halls A–C	15 Sat	1–5 p.m.	
068	Posture and Gait: Aging and Stroke	Poster	EE7–EE21	Halls A–C	15 Sat	1–5 p.m.	
069	Posture and Gait: Injury and Disease	Poster	EE22–FF11	Halls A–C	15 Sat	1–5 p.m.	
070	Visuomotor Coordination	Poster	FF12–GG9	Halls A–C	15 Sat	1–5 p.m.	
071	Interlimb Coordination	Poster	GG10–HH1	Halls A–C	15 Sat	1–5 p.m.	
072	Motor Deficits	Poster	HH2–HH14	Halls A–C	15 Sat	1–5 p.m.	
073	Cortical Motor Planning	Poster	HH15–HH29	Halls A–C	15 Sat	1–5 p.m.	
074	Noninvasive Neurophysiology	Poster	HH30–II15	Halls A–C	15 Sat	1–5 p.m.	
102	Implicit Processes in Action Control	Symposium		Ballroom B	16 Sun	8:30–11 a.m.	2.5
115	Spinal Cord Injury: Repair and Rehabilitation	Nanosymposium		152B	16 Sun	8–9:45 a.m.	
155	Striate Cortex: Maps and Their Circuits	Poster	CC33–DD15	Halls A–C	16 Sun	8 a.m.–noon	
156	Visual Attention	Poster	DD16–EE2	Halls A–C	16 Sun	8 a.m.–noon	
157	Central Physiology and Anatomy	Poster	EE3–EE17	Halls A–C	16 Sun	8 a.m.–noon	
158	Spinal Cord Processing: Pharmacology	Poster	EE18–FF9	Halls A–C	16 Sun	8 a.m.–noon	
159	Mechanisms of Neuropathic Pain: Inflammatory Mediators and Neurotrophins	Poster	FF10–FF21	Halls A–C	16 Sun	8 a.m.–noon	
160	Motor Unit Recordings, Kinematics, and EMG	Poster	FF22–GG8	Halls A–C	16 Sun	8 a.m.–noon	
161	Motor Neuron–Muscle Interface	Poster	GG9–GG23	Halls A–C	16 Sun	8 a.m.–noon	
162	Finger and Grasp Control: Age, Pathology, and Physiology	Poster	GG24–HH6	Halls A–C	16 Sun	8 a.m.–noon	
163	Sensorimotor Learning	Poster	HH7–HH20	Halls A–C	16 Sun	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
164	Stroke and Voluntary Movement	Poster	HH21-II9	Halls A-C	16 Sun	8 a.m.–noon	
165	Neural Decoding	Poster	II10-II27	Halls A-C	16 Sun	8 a.m.–noon	
191	Peripheral Gating of Pain Signals by Endogenous Lipid Mediators	Symposium		Ballroom B	16 Sun	1:30–4 p.m.	2.5
235	Auditory Processing of Natural Sounds	Poster	Y15–Z2	Halls A-C	16 Sun	1–5 p.m.	
236	Extrastriate Cortex: Responses and Coding	Poster	Z3–Z28	Halls A-C	16 Sun	1–5 p.m.	
237	Eye Movements: Clinical and Behavioral	Poster	Z29-AA2	Halls A-C	16 Sun	1–5 p.m.	
238	Eye Movements: Cortex and Superior Colliculus	Poster	AA3-AA19	Halls A-C	16 Sun	1–5 p.m.	
239	Pain Behavioral Models	Poster	AA20-BB25	Halls A-C	16 Sun	1–5 p.m.	
240	Inflammatory Pain	Poster	BB26-CC18	Halls A-C	16 Sun	1–5 p.m.	
241	Pain: Ion Channels and Physiology	Poster	CC19-DD10	Halls A-C	16 Sun	1–5 p.m.	
242	Mechanisms of Neuropathic Pain: Signaling Pathways and Models	Poster	DD11-EE4	Halls A-C	16 Sun	1–5 p.m.	
243	Pain Imaging and Perception	Poster	EE5-FF4	Halls A-C	16 Sun	1–5 p.m.	
244	Opioids and Other Analgesics	Poster	FF5-FF29	Halls A-C	16 Sun	1–5 p.m.	
245	Somatosensory Transduction	Poster	FF30-GG14	Halls A-C	16 Sun	1–5 p.m.	
246	Neocortical Plasticity	Poster	GG15-HH2	Halls A-C	16 Sun	1–5 p.m.	
247	Motor Neurons: Development, Identification, Intrinsic Properties, and Modulation	Poster	HH3-HH20	Halls A-C	16 Sun	1–5 p.m.	
248	Small Networks and Plasticity	Poster	HH21-II3	Halls A-C	16 Sun	1–5 p.m.	
249	Grasping Dexterity	Poster	II4-II24	Halls A-C	16 Sun	1–5 p.m.	
250	Reaching Control: Action and Sensation	Poster	II25-JJ10	Halls A-C	16 Sun	1–5 p.m.	
251	Reaching Control: Movement Selection and Strategy	Poster	JJ11-KK3	Halls A-C	16 Sun	1–5 p.m.	
252	Neuroprosthetics	Poster	KK4-LL1	Halls A-C	16 Sun	1–5 p.m.	
253	Brain-Machine Interface	Poster	LL2-LL13	Halls A-C	16 Sun	1–5 p.m.	
276	The Effects of Hearing Loss on Neural Processing, Plasticity, and Aging	Symposium		Ballroom C	17 Mon	8:30–11 a.m.	2.5
278	New Roles for the External Globus Pallidus in Basal Ganglia Circuits and Behavior	Minisymposium		151AB	17 Mon	8:30–11 a.m.	2.5
279	The Role of Parvalbumin Neurons in Visual Processing and Plasticity	Minisymposium		145B	17 Mon	8:30–11 a.m.	2.5
281	The Brain Is Needed to Cure Spinal Cord Injury	Special Lecture		Hall D	17 Mon	11:30 a.m.–12:40 p.m.	1.25
288	Eye Movements and Perception	Nanosymposium		144A	17 Mon	8–11:15 a.m.	
289	The Cells and Molecules of Touch, Itch, and Thermoreception	Nanosymposium		143A	17 Mon	8–11 a.m.	
328	Auditory System: Cortical Processing in Animals and Humans	Poster	CC2-CC12	Halls A-C	17 Mon	8 a.m.–noon	
329	Auditory Subcortical and Neuromodulatory Processes	Poster	CC13-CC28	Halls A-C	17 Mon	8 a.m.–noon	
330	Auditory System: Adaptation, Learning, and Memory	Poster	CC29-DD7	Halls A-C	17 Mon	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
331	Multisensory and Temporal Factors in Cross-Modal Processing	Poster	DD8-DD25	Halls A-C	17 Mon	8 a.m.-noon	
332	Extrastriate Cortex: Organization	Poster	DD26-EE10	Halls A-C	17 Mon	8 a.m.-noon	
333	Binocular Vision	Poster	EE11-EE26	Halls A-C	17 Mon	8 a.m.-noon	
334	Sensorimotor Transformation: Physiology and Imaging	Poster	EE27-FF13	Halls A-C	17 Mon	8 a.m.-noon	
335	Hair Cells, End-Organ, and Nerve	Poster	FF14-FF23	Halls A-C	17 Mon	8 a.m.-noon	
336	Pain Transduction: TRP Channels	Poster	FF24-GG14	Halls A-C	17 Mon	8 a.m.-noon	
337	Descending Modulation	Poster	GG15-GG34	Halls A-C	17 Mon	8 a.m.-noon	
338	Musculoskeletal Pain	Poster	GG35-HH8	Halls A-C	17 Mon	8 a.m.-noon	
339	Somatosensory Stimulus Response Features	Poster	HH9-HH24	Halls A-C	17 Mon	8 a.m.-noon	
340	Somatosensory: Functional Studies	Poster	HH25-II10	Halls A-C	17 Mon	8 a.m.-noon	
341	Cerebellum: Plasticity and Climbing Fibers	Poster	II11-II23	Halls A-C	17 Mon	8 a.m.-noon	
342	Basal Ganglia: Cellular Physiology	Poster	II24-JJ10	Halls A-C	17 Mon	8 a.m.-noon	
343	Finger and Grasp Control: Normal Human Behavior	Poster	JJ11-JJ30	Halls A-C	17 Mon	8 a.m.-noon	
378	From Objects to Actions: Dynamics in Parietal and Frontal Cortex	Minisymposium		146AB	17 Mon	1:30-4 p.m.	2.5
388	Neural Processing of Natural Sounds	Nanosymposium		152A	17 Mon	1-3:15 p.m.	
389	Retinal Processing	Nanosymposium		143A	17 Mon	1-3:15 p.m.	
390	Pain Imaging: From Neural Circuits to Perception	Nanosymposium		147B	17 Mon	1-4 p.m.	
431	Auditory Processing: Temporal, Frequency, and Spectral Processing-Model Systems and Subcortical	Poster	DD23-DD32	Halls A-C	17 Mon	1-5 p.m.	
432	Multisensory: Neural Circuitry and Connections	Poster	EE1-EE18	Halls A-C	17 Mon	1-5 p.m.	
433	Photoreceptors	Poster	EE19-FF12	Halls A-C	17 Mon	1-5 p.m.	
434	Striate Cortex Input Circuits	Poster	FF13-FF29	Halls A-C	17 Mon	1-5 p.m.	
435	Decision Making and the Cortex	Poster	FF30-GG15	Halls A-C	17 Mon	1-5 p.m.	
436	Sensorimotor Transformation: Behavior	Poster	GG16-GG27	Halls A-C	17 Mon	1-5 p.m.	
437	Reaching Action	Poster	GG28-HH15	Halls A-C	17 Mon	1-5 p.m.	
438	Eye Movements: Cortex	Poster	HH16-II3	Halls A-C	17 Mon	1-5 p.m.	
439	Mechanisms of Neuropathic Pain: Glia	Poster	II4-II14	Halls A-C	17 Mon	1-5 p.m.	
440	Somatosensory Cortex	Poster	II15-JJ1	Halls A-C	17 Mon	1-5 p.m.	
441	Somatosensory: Stimulus Feature Neural Coding	Poster	JJ2-JJ25	Halls A-C	17 Mon	1-5 p.m.	
442	Systems Physiology and Circuits	Poster	JJ26-KK16	Halls A-C	17 Mon	1-5 p.m.	
443	Cortical Planning of Actions	Poster	KK17-LL3	Halls A-C	17 Mon	1-5 p.m.	
444	Brain-Machine Interface: Implanted Electrodes I	Poster	LL4-LL22	Halls A-C	17 Mon	1-5 p.m.	
445	Brain-Machine Interface: Analytical Methods for Monitoring Tissue Responses	Poster	LL23-MM4	Halls A-C	17 Mon	1-5 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
446	Comparative Anatomy and Evolution I	Poster	MM5–MM28	Halls A–C	17 Mon	1–5 p.m.	
447	Comparative Anatomy and Evolution II	Poster	MM29–NN9	Halls A–C	17 Mon	1–5 p.m.	
472	Learning and Relearning Movement	Special Lecture		Hall D	18 Tues	8:30–9:40 a.m.	1.25
488	Auditory System: Circuits and Perception	Nanosymposium		143A	18 Tues	8–11 a.m.	
489	Striate Cortex	Nanosymposium		206	18 Tues	8–11:15 a.m.	
529	Auditory Processing: Temporal, Frequency, and Spectral Processing-Perception	Poster	FF2–FF13	Halls A–C	18 Tues	8 a.m.–noon	
530	Auditory Processing: Neural Coding, Animal Studies, and Computation	Poster	FF14–FF25	Halls A–C	18 Tues	8 a.m.–noon	
531	Auditory Processing: Neural Coding, Human Experiment, and Theory	Poster	FF26–GG3	Halls A–C	18 Tues	8 a.m.–noon	
532	Striate Cortex: Intracortical Circuitry	Poster	GG4–GG26	Halls A–C	18 Tues	8 a.m.–noon	
533	Eye Movements and Perception	Poster	GG27–HH11	Halls A–C	18 Tues	8 a.m.–noon	
534	Nociceptors: Molecular and Pharmacological Studies	Poster	HH12–II6	Halls A–C	18 Tues	8 a.m.–noon	
535	Somatosensory: Local Cortical Circuits	Poster	II7–JJ4	Halls A–C	18 Tues	8 a.m.–noon	
536	Plasticity After Spinal Cord Injury I	Poster	JJ5–JJ26	Halls A–C	18 Tues	8 a.m.–noon	
537	Plasticity After Spinal Cord Injury II	Poster	JJ27–KK12	Halls A–C	18 Tues	8 a.m.–noon	
538	Circuit Connectivity	Poster	KK13–LL5	Halls A–C	18 Tues	8 a.m.–noon	
539	Motor Neurons and Muscle	Poster	LL6–MM7	Halls A–C	18 Tues	8 a.m.–noon	
540	Cortex and Nuclei: Anatomy and <i>In Vitro</i> Studies	Poster	MM8–MM19	Halls A–C	18 Tues	8 a.m.–noon	
541	Transmitters and Neuromodulation	Poster	MM20–NN1	Halls A–C	18 Tues	8 a.m.–noon	
542	Plasticity of Voluntary Movements	Poster	NN2–NN29	Halls A–C	18 Tues	8 a.m.–noon	
568	Auditory Cortical Processing in Real-World Listening	Symposium		Ballroom C	18 Tues	1:30–4 p.m.	2.5
582	Visual Processing: Faces	Nanosymposium		143A	18 Tues	1–4:15 p.m.	
583	Brainstem: Motor and Sensory Systems	Nanosymposium		144A	18 Tues	1–3:15 p.m.	
620	Olfactory Sensory Neurons: Development and Signal Transduction	Poster	AA23–BB13	Halls A–C	18 Tues	1–5 p.m.	
621	Taste	Poster	BB14–CC6	Halls A–C	18 Tues	1–5 p.m.	
622	Auditory Processing: Human Studies of Perception, Cognition, and Action	Poster	CC7–CC34	Halls A–C	18 Tues	1–5 p.m.	
623	Multisensory: Cross-Modal Processing in Humans, Audio-Visual	Poster	CC35–DD11	Halls A–C	18 Tues	1–5 p.m.	
624	Visual Cognition: Decision-Making	Poster	DD12–DD27	Halls A–C	18 Tues	1–5 p.m.	
625	Multisensory and Motor Interactions	Poster	DD28–EE25	Halls A–C	18 Tues	1–5 p.m.	
626	Eye Movement Behavior	Poster	EE26–FF19	Halls A–C	18 Tues	1–5 p.m.	
627	Spinal Cord Processing: Anatomy and Physiology	Poster	FF20–GG8	Halls A–C	18 Tues	1–5 p.m.	
628	Visceral Pain	Poster	GG9–GG29	Halls A–C	18 Tues	1–5 p.m.	
629	Spinal Cord Injury and Plasticity I	Poster	GG30–HH11	Halls A–C	18 Tues	1–5 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
630	Spinal Cord Injury: Repair, Training, and Rehabilitation I	Poster	HH12-II9	Halls A-C	18 Tues	1-5 p.m.	
631	Afferent and Descending Control	Poster	II10-JJ3	Halls A-C	18 Tues	1-5 p.m.	
632	Cortex and Nuclei: <i>In Vivo</i> Studies	Poster	JJ4-JJ23	Halls A-C	18 Tues	1-5 p.m.	
633	Systems Physiology and Behavior	Poster	JJ24-KK16	Halls A-C	18 Tues	1-5 p.m.	
634	Motor Skill-Learning	Poster	KK17-LL9	Halls A-C	18 Tues	1-5 p.m.	
635	Reaching Learning	Poster	LL10-MM7	Halls A-C	18 Tues	1-5 p.m.	
636	Rehabilitation	Poster	MM8-NN1	Halls A-C	18 Tues	1-5 p.m.	
637	Craniofacial Functions	Poster	NN2-NN23	Halls A-C	18 Tues	1-5 p.m.	
638	Brain-Machine Interface: Implanted Electrodes II	Poster	NN24-002	Halls A-C	18 Tues	1-5 p.m.	
665	OdorSpace: Deciphering Stimulus Space in Olfaction	Symposium		Ballroom C	19 Wed	8:30-11 a.m.	2.5
669	The Sensory Neurons of Touch	Special Lecture		Hall D	19 Wed	11:30 a.m.-12:40 p.m.	1.25
674	Extrastriate Cortex: Neural Coding	Nanosymposium		143A	19 Wed	8-10:30 a.m.	
719	Olfactory Coding: Second-Order Regions (Olfactory Bulb and Antennal Lobe)	Poster	EE4-FF2	Halls A-C	19 Wed	8 a.m.-noon	
720	Olfactory Coding: Higher-Order Regions, Oscillations and Integrative Studies	Poster	FF3-FF23	Halls A-C	19 Wed	8 a.m.-noon	
721	Olfaction: Behavior Perception and Relationship to Neurophysiology	Poster	FF24-GG3	Halls A-C	19 Wed	8 a.m.-noon	
722	Mechanoreceptors and Cochlea	Poster	GG4-GG13	Halls A-C	19 Wed	8 a.m.-noon	
723	Sound Localization and Binaural Interactions	Poster	GG14-GG27	Halls A-C	19 Wed	8 a.m.-noon	
724	Multisensory: Cross-Modal Processing in Humans	Poster	GG28-HH6	Halls A-C	19 Wed	8 a.m.-noon	
725	Retinal Circuitry	Poster	HH7-HH27	Halls A-C	19 Wed	8 a.m.-noon	
726	Visual Motion	Poster	HH28-II25	Halls A-C	19 Wed	8 a.m.-noon	
727	Nociceptors: Anatomical and Physiological Studies	Poster	II26-JJ10	Halls A-C	19 Wed	8 a.m.-noon	
728	Thalamic and Cortical Processing	Poster	JJ11-JJ25	Halls A-C	19 Wed	8 a.m.-noon	
729	Treatments for Persistent Pain	Poster	JJ26-KK9	Halls A-C	19 Wed	8 a.m.-noon	
730	Pain Models: Pharmacology	Poster	KK10-LL3	Halls A-C	19 Wed	8 a.m.-noon	
731	Neurorehabilitation	Poster	LL4-LL17	Halls A-C	19 Wed	8 a.m.-noon	
732	Spinal Cord Injury: Repair, Training, and Rehabilitation II	Poster	LL18-MM18	Halls A-C	19 Wed	8 a.m.-noon	
733	Cerebellum: Human Studies	Poster	MM19-MM30	Halls A-C	19 Wed	8 a.m.-noon	
734	Afferent Control of Posture and Gait	Poster	MM31-NN10	Halls A-C	19 Wed	8 a.m.-noon	
735	Motor Cortex	Poster	NN11-NN31	Halls A-C	19 Wed	8 a.m.-noon	
766	Pro-Nociceptive Interactions Between Spinal and Supraspinal Centers in Chronic Pain: Mechanisms and Avenues for Novel Drug Targets	Minisymposium		151AB	19 Wed	1:30-4 p.m.	2.5
772	Functional Organization of the Human Visual Cortex	Nanosymposium		144A	19 Wed	1-3:30 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
814	Auditory Cortex	Poster	CC23-DD6	Halls A-C	19 Wed	1-5 p.m.	
815	Auditory Processing: Perception, Cognition, and Action via Animal and Modeling Studies	Poster	DD7-DD20	Halls A-C	19 Wed	1-5 p.m.	
816	Subcortical Visual Pathways	Poster	DD21-EE6	Halls A-C	19 Wed	1-5 p.m.	
817	Subcortical Visual Pathways: Rodents	Poster	EE7-EE27	Halls A-C	19 Wed	1-5 p.m.	
818	Striate Cortex: High-Level Factors	Poster	EE28-FF18	Halls A-C	19 Wed	1-5 p.m.	
819	Striate Cortex: Plasticity	Poster	FF19-GG10	Halls A-C	19 Wed	1-5 p.m.	
820	Extrastriate Cortex: Connections and Function	Poster	GG11-GG23	Halls A-C	19 Wed	1-5 p.m.	
821	Visual Motion: Heading and Orientation	Poster	GG24-GG33	Halls A-C	19 Wed	1-5 p.m.	
822	Visual Processing: Objects and Scenes	Poster	GG34-HH27	Halls A-C	19 Wed	1-5 p.m.	
823	Visual Processing: Faces	Poster	HH28-II25	Halls A-C	19 Wed	1-5 p.m.	
824	Visual Learning, Memory, and Categorization	Poster	II26-JJ12	Halls A-C	19 Wed	1-5 p.m.	
825	Sensory Coding, Perception, and Navigation	Poster	JJ13-JJ30	Halls A-C	19 Wed	1-5 p.m.	
826	Trigeminal Processing of Pain	Poster	JJ31-KK7	Halls A-C	19 Wed	1-5 p.m.	
827	Spinal Cord Injury and Plasticity II	Poster	KK8-LL2	Halls A-C	19 Wed	1-5 p.m.	
828	Neuromodulation	Poster	LL3-MM2	Halls A-C	19 Wed	1-5 p.m.	
829	Muscle Physiology and Biochemistry	Poster	MM3-MM18	Halls A-C	19 Wed	1-5 p.m.	
830	Posture and Gait: Kinematics, Muscle Activity, Exercise and Fatigue, and Biomechanics II	Poster	MM19-NN2	Halls A-C	19 Wed	1-5 p.m.	
831	Posture and Gait	Poster	NN3-NN20	Halls A-C	19 Wed	1-5 p.m.	
THEME E: INTEGRATIVE SYSTEMS: NEUROENDOCRINOLOGY, NEUROIMMUNOLOGY, AND HOMEOSTATIC CHALLENGE							
018	Neuroimmunology	Nanosymposium		150A	15 Sat	1-4:15 p.m.	
075	Gonadotropin-Releasing Hormone and Hpg Control	Poster	II16-JJ1	Halls A-C	15 Sat	1-5 p.m.	
076	Kisspeptin and Related Systems	Poster	JJ2-JJ12	Halls A-C	15 Sat	1-5 p.m.	
077	Neural Control of Cardiovascular Function I	Poster	JJ13-JJ32	Halls A-C	15 Sat	1-5 p.m.	
078	Stress: Corticotropin-Releasing Factor	Poster	JJ33-KK7	Halls A-C	15 Sat	1-5 p.m.	
079	Stress: Genes and Epigenetics	Poster	KK8-KK18	Halls A-C	15 Sat	1-5 p.m.	
080	Adolescent Stress	Poster	KK19-LL2	Halls A-C	15 Sat	1-5 p.m.	
081	Stress Effects on Cortex and Other Brain Regions	Poster	LL3-LL20	Halls A-C	15 Sat	1-5 p.m.	
100	What Drives Sleep-Wake Cycles: Identification of Molecules and Circuits in <i>Drosophila</i>	Special Lecture		Hall D	16 Sun	8:30-9:40 a.m.	1.25
116	Consequences and Mechanisms of Exposure to Stressors	Nanosymposium		147B	16 Sun	8-10 a.m.	
166	Neuroimmune Regulators: Microglia	Poster	II28-JJ9	Halls A-C	16 Sun	8 a.m.-noon	
167	Female Sexual Behavior	Poster	JJ10-JJ32	Halls A-C	16 Sun	8 a.m.-noon	
168	Neural Control of Cardiovascular Function II	Poster	JJ33-KK17	Halls A-C	16 Sun	8 a.m.-noon	
169	Autonomic Control of Thermoregulatory, Gastrointestinal, and Reproductive Functions	Poster	KK18-LL2	Halls A-C	16 Sun	8 a.m.-noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
189	Surprising Origins of Sex Differences in the Brain	Special Lecture		Hall D	16 Sun	1–2:10 p.m.	1.25
203	Obstructive Sleep Apnea: Intermittent Oxygenation	Nanosymposium		152B	16 Sun	1–2:30 p.m.	
254	Neuroimmune System Pathways and Regulators	Poster	LL14–MM15	Halls A–C	16 Sun	1–5 p.m.	
255	Thirst and Water Balance	Poster	MM16–MM26	Halls A–C	16 Sun	1–5 p.m.	
256	Central Pathways: Anatomy and Development	Poster	MM27–NN13	Halls A–C	16 Sun	1–5 p.m.	
257	Sleep	Poster	NN14–005	Halls A–C	16 Sun	1–5 p.m.	
258	Sleep: Systems and Behavior	Poster	006–PP1	Halls A–C	16 Sun	1–5 p.m.	
259	Functional Neuroimaging: Neurovascular Mechanisms	Poster	PP2–PP18	Halls A–C	16 Sun	1–5 p.m.	
290	Neural Mechanisms of Energy Balance Regulation and Obesity	Nanosymposium		147B	17 Mon	8–11:15 a.m.	
291	Sleep and Memory	Nanosymposium		206	17 Mon	8–10:45 a.m.	
344	Parental Behavior	Poster	JJ31–KK15	Halls A–C	17 Mon	8 a.m.–noon	
345	Stress: Neuroimmune Aspects	Poster	KK16–LL1	Halls A–C	17 Mon	8 a.m.–noon	
346	Sex Differences in Stress Responses	Poster	LL2–LL13	Halls A–C	17 Mon	8 a.m.–noon	
347	Stress and Anxiety: Modulation	Poster	LL14–MM5	Halls A–C	17 Mon	8 a.m.–noon	
348	Stress and Aversive States	Poster	MM6–MM28	Halls A–C	17 Mon	8 a.m.–noon	
349	Stress and the Hippocampus	Poster	MM29–NN6	Halls A–C	17 Mon	8 a.m.–noon	
350	Stress and Anxiety: Mechanisms	Poster	NN7–NN36	Halls A–C	17 Mon	8 a.m.–noon	
351	Psychosocial Stress	Poster	001–0014	Halls A–C	17 Mon	8 a.m.–noon	
352	Brain Blood Flow	Poster	0015–PP2	Halls A–C	17 Mon	8 a.m.–noon	
374	Exercise, Energy Intake, and the Brain	Symposium		Ballroom B	17 Mon	1:30–4 p.m.	2.5
391	Cellular Effects of Stress	Nanosymposium		146C	17 Mon	1–3:45 p.m.	
392	Brain Wellness: Metabolism and Energetics	Nanosymposium		206	17 Mon	1–4:30 p.m.	
448	Neuroendocrine Anatomy and Physiology	Poster	NN10–NN32	Halls A–C	17 Mon	1–5 p.m.	
449	Male Sexual Behavior	Poster	NN33–0013	Halls A–C	17 Mon	1–5 p.m.	
450	Defensive Behavior and Aggression	Poster	0014–0024	Halls A–C	17 Mon	1–5 p.m.	
451	Behavioral and Neural Effects of Gonadal Hormones	Poster	0025–PP19	Halls A–C	17 Mon	1–5 p.m.	
452	HPA Axis	Poster	PP20–QQ8	Halls A–C	17 Mon	1–5 p.m.	
453	Monoamines and Other Regulators	Poster	QQ9–QQ33	Halls A–C	17 Mon	1–5 p.m.	
454	Suprachiasmatic Nucleus and Circadian Rhythms	Poster	QQ34–RR27	Halls A–C	17 Mon	1–5 p.m.	
474	Neural and Immune Mechanisms Regulating Resilience to Stress	Symposium		Ballroom A	18 Tues	8:30–11 a.m.	2.5
490	Psychosocial Stress and the Brain	Nanosymposium		140A	18 Tues	8–11 a.m.	
543	Luteinizing Hormone Secretion, Puberty, and Seasonality	Poster	NN30–008	Halls A–C	18 Tues	8 a.m.–noon	
544	Sexual Differentiation	Poster	009–0021	Halls A–C	18 Tues	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
545	Neuroimmunology: Behavioral Effects	Poster	0022-PP18	Halls A-C	18 Tues	8 a.m.–noon	
546	Stress: Cellular Consequences	Poster	PP19-QQ10	Halls A-C	18 Tues	8 a.m.–noon	
547	Stress: Neurodevelopmental Aspects	Poster	QQ11-QQ22	Halls A-C	18 Tues	8 a.m.–noon	
548	Sleep: Mechanisms and Molecules I	Poster	QQ23-RR15	Halls A-C	18 Tues	8 a.m.–noon	
549	Sleep: Mechanisms and Molecules II	Poster	RR16-RR26	Halls A-C	18 Tues	8 a.m.–noon	
572	Hypothalamic Control of Autonomic Nervous System Outflow and Obesity: Impact on Multiple Systems	Minisymposium		146AB	18 Tues	1:30–4 p.m.	2.5
584	Early Exposure to Stress: Environmental Factors	Nanosymposium		147B	18 Tues	1–3:45 p.m.	
585	Brain Glucose and Energy-Sensing	Nanosymposium		152B	18 Tues	1–4:15 p.m.	
639	Neurosteroids	Poster	003-0015	Halls A-C	18 Tues	1–5 p.m.	
640	Steroids and Plasticity	Poster	0016-PP2	Halls A-C	18 Tues	1–5 p.m.	
641	Social Behavior: Drivers and Mechanisms	Poster	PP3-PP21	Halls A-C	18 Tues	1–5 p.m.	
642	Hormones and Cognition	Poster	PP22-QQ19	Halls A-C	18 Tues	1–5 p.m.	
643	Respiratory Neurobiology	Poster	QQ20-RR12	Halls A-C	18 Tues	1–5 p.m.	
644	Stress and Cognition	Poster	RR13-RR34	Halls A-C	18 Tues	1–5 p.m.	
645	Circadian Clock	Poster	RR35-RR49	Halls A-C	18 Tues	1–5 p.m.	
667	Is There a Neurobiological Basis for Food Addiction?	Minisymposium		146AB	19 Wed	8:30–11 a.m.	2.5
675	The Neurobiological Sequelae of Early-Life Stress	Nanosymposium		206	19 Wed	8–11:15 a.m.	
676	Biological Rhythms and Sleep: Mechanisms	Nanosymposium		152B	19 Wed	8–11:15 a.m.	
677	Blood Brain Barrier: Development and Disease	Nanosymposium		147A	19 Wed	8–10:15 a.m.	
736	Autonomic Control of Renal, Urinary, and Reproductive Functions	Poster	NN32-0023	Halls A-C	19 Wed	8 a.m.–noon	
737	Integration of Peripheral Signals: Systems	Poster	0024-PP6	Halls A-C	19 Wed	8 a.m.–noon	
738	Energy Metabolism	Poster	PP7-QQ3	Halls A-C	19 Wed	8 a.m.–noon	
739	Blood Brain Barrier: Cell Biology, Physiology, and Disease	Poster	QQ4-QQ18	Halls A-C	19 Wed	8 a.m.–noon	
740	Functional Neuroimaging: Networks, Regions, and Resting State	Poster	QQ19-QQ28	Halls A-C	19 Wed	8 a.m.–noon	
773	Neuroscience and Psychology of Motherhood	Nanosymposium		140A	19 Wed	1–3:30 p.m.	
774	Respiratory Neurobiology	Nanosymposium		150A	19 Wed	1–3:15 p.m.	
832	Social Behavior: Oxytocin	Poster	NN21-006	Halls A-C	19 Wed	1–5 p.m.	
833	Integration of Peripheral Signals: Regulators	Poster	007-0024	Halls A-C	19 Wed	1–5 p.m.	
834	Neuropeptide Regulators	Poster	0025-PP19	Halls A-C	19 Wed	1–5 p.m.	
THEME F: COGNITION AND BEHAVIOR							
007	Multimodal Investigation of Large-Scale Brain Dynamics: Combining fMRI and Intracranial EEG	Minisymposium		146AB	15 Sat	1:30–4 p.m.	2.5

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
019	Brain Wellness: Cognitive Development	Nanosymposium		150B	15 Sat	1–3 p.m.	
082	Human Long-Term Memory: Medial Temporal Lobe I	Poster	LL21–MM19	Halls A–C	15 Sat	1–5 p.m.	
083	Human Emotion: Perception and Expression	Poster	MM20–NN1	Halls A–C	15 Sat	1–5 p.m.	
084	Human Decision-Making: Perceptual Processes	Poster	NN2–NN23	Halls A–C	15 Sat	1–5 p.m.	
085	Cognitive Development	Poster	NN24–007	Halls A–C	15 Sat	1–5 p.m.	
086	Aging Brain	Poster	008–0019	Halls A–C	15 Sat	1–5 p.m.	
087	Alzheimer's Disease: Novel Therapeutics	Poster	0020–0032	Halls A–C	15 Sat	1–5 p.m.	
088	Healthy Aging	Poster	PP1–PP18	Halls A–C	15 Sat	1–5 p.m.	
089	Appetitive and Incentive Learning and Memory I	Poster	PP19–QQ15	Halls A–C	15 Sat	1–5 p.m.	
090	Memory Consolidation and Reconsolidation	Poster	QQ16–RR7	Halls A–C	15 Sat	1–5 p.m.	
091	Animal Models: Anatomical Connections in Learning and Memory Circuits	Poster	RR8–RR24	Halls A–C	15 Sat	1–5 p.m.	
092	Animal Models: Impairments in Learning and Memory	Poster	RR25–RR45	Halls A–C	15 Sat	1–5 p.m.	
093	Learning and Memory: Physiology I	Poster	RR46–SS20	Halls A–C	15 Sat	1–5 p.m.	
094	Cortical and Hippocampal Circuits: Spatial Navigation I	Poster	SS21–SS50	Halls A–C	15 Sat	1–5 p.m.	
095	Motivation and Emotion: Information Processing	Poster	SS51–TT6	Halls A–C	15 Sat	1–5 p.m.	
106	Advances in Understanding Mechanisms of Cortico–Thalamic Interactions in Cognition and Behavior	Minisymposium		146AB	16 Sun	8:30–11 a.m.	2.5
117	Functional Mechanisms of Attention	Nanosymposium		150A	16 Sun	8–11 a.m.	
118	Attentional Networks in Humans	Nanosymposium		147A	16 Sun	8–10:30 a.m.	
119	Corticolimbic Circuits and Decision-Making	Nanosymposium		206	16 Sun	8–11 a.m.	
170	Aging of Neural Functions	Poster	LL3–LL18	Halls A–C	16 Sun	8 a.m.–noon	
171	Spatial Learning	Poster	LL19–MM7	Halls A–C	16 Sun	8 a.m.–noon	
172	Human Long-Term Memory	Poster	MM8–MM33	Halls A–C	16 Sun	8 a.m.–noon	
173	Working Memory I	Poster	MM34–NN26	Halls A–C	16 Sun	8 a.m.–noon	
174	Human Social Cognition: Behavior and Pharmacology	Poster	NN27–003	Halls A–C	16 Sun	8 a.m.–noon	
175	Pharmacology for Attention	Poster	004–0014	Halls A–C	16 Sun	8 a.m.–noon	
176	Animal Models: Cortical Circuits and Behavioral Tasks	Poster	0015–PP4	Halls A–C	16 Sun	8 a.m.–noon	
177	Learning and Memory: Skill-Learning	Poster	PP5–QQ3	Halls A–C	16 Sun	8 a.m.–noon	
178	Motivation	Poster	QQ4–QQ28	Halls A–C	16 Sun	8 a.m.–noon	
179	Reward: Neuropharmacology	Poster	QQ29–RR15	Halls A–C	16 Sun	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
180	Motivation and Emotions: Risk-Taking	Poster	RR16–RR31	Halls A–C	16 Sun	8 a.m.–noon	
181	Neuroethology	Poster	RR32–SS10	Halls A–C	16 Sun	8 a.m.–noon	
182	Vocal Communication in Songbirds: Sensory and Motor Mechanisms I	Poster	SS11–SS26	Halls A–C	16 Sun	8 a.m.–noon	
183	Social Communication	Poster	SS27–SS45	Halls A–C	16 Sun	8 a.m.–noon	
192	Studying Human Cognition with Intracranial EEG and Electrical Brain Stimulation	Symposium		Ballroom C	16 Sun	1:30–4 p.m.	2.5
204	Language: Spoken and Written	Nanosymposium		150B	16 Sun	1–4:30 p.m.	
205	Working Memory	Nanosymposium		147A	16 Sun	1–4:30 p.m.	
206	The Neural Basis of Reward-Based Decisions	Nanosymposium		140A	16 Sun	1–4:15 p.m.	
260	Sequence Learning	Poster	PP19–QQ17	Halls A–C	16 Sun	1–5 p.m.	
261	Consciousness and Neural Networks	Poster	QQ18–QQ27	Halls A–C	16 Sun	1–5 p.m.	
262	Human Decision-Making and Learning: Individual Differences and Disorders	Poster	QQ28–RR15	Halls A–C	16 Sun	1–5 p.m.	
263	Functional Mechanisms of Attention I	Poster	RR16–RR40	Halls A–C	16 Sun	1–5 p.m.	
264	Hippocampal and Cortical Circuits I	Poster	RR41–SS9	Halls A–C	16 Sun	1–5 p.m.	
265	Learning and Memory: Pharmacology I	Poster	SS10–SS34	Halls A–C	16 Sun	1–5 p.m.	
266	Invertebrate Learning and Memory I	Poster	SS35–SS51	Halls A–C	16 Sun	1–5 p.m.	
267	Motivation and Reward	Poster	SS52–TT13	Halls A–C	16 Sun	1–5 p.m.	
268	Motivation and Emotions: Negative Emotional States	Poster	TT14–TT39	Halls A–C	16 Sun	1–5 p.m.	
274	Attention, Reward, and Information Seeking	Symposium		Ballroom A	17 Mon	8:30–11 a.m.	2.5
292	Reward: Physiology and Connectivity	Nanosymposium		150B	17 Mon	8–10:30 a.m.	
293	Extended Amygdala Circuits and Behavior	Nanosymposium		150A	17 Mon	8–10:30 a.m.	
353	Perception and Imagery	Poster	PP3–QQ7	Halls A–C	17 Mon	8 a.m.–noon	
354	Human Long-Term Memory: Medial Temporal Lobe II	Poster	QQ8–RR5	Halls A–C	17 Mon	8 a.m.–noon	
355	Disorders of Attention	Poster	RR6–RR18	Halls A–C	17 Mon	8 a.m.–noon	
356	Language and Brain Dynamics	Poster	RR19–RR47	Halls A–C	17 Mon	8 a.m.–noon	
357	Human Social Cognition: Neural Mechanisms	Poster	RR48–SS13	Halls A–C	17 Mon	8 a.m.–noon	
358	Prefrontal Cortex I	Poster	SS14–SS42	Halls A–C	17 Mon	8 a.m.–noon	
359	Rodent Learning and Memory	Poster	SS43–SS59	Halls A–C	17 Mon	8 a.m.–noon	
360	Cortical and Hippocampal Circuits: Spatial Navigation II	Poster	SS60–TT16	Halls A–C	17 Mon	8 a.m.–noon	
361	Prefrontal and Striatal Systems I	Poster	TT17–TT40	Halls A–C	17 Mon	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
362	Reward: Dopamine I	Poster	TT41–TT62	Halls A–C	17 Mon	8 a.m.–noon	
363	Decision-Making: Neurocircuitry	Poster	TT63–TT82	Halls A–C	17 Mon	8 a.m.–noon	
364	Reward I	Poster	TT83–UU20	Halls A–C	17 Mon	8 a.m.–noon	
365	Vocal Communication in Songbirds: Learning and Social Influences	Poster	UU21–UU41	Halls A–C	17 Mon	8 a.m.–noon	
376	Characterizing the Roles of Fronto-Cingulo-Subcortical Circuits in Pain, Emotion, and Cognition	Minisymposium		145B	17 Mon	1:30–4 p.m.	2.5
379	Understanding Mechanisms and Functions of Cortical Rhythms by Selective Interventions	Minisymposium		151AB	17 Mon	1:30–4 p.m.	2.5
455	Face and Scene Perception	Poster	RR28–RR41	Halls A–C	17 Mon	1–5 p.m.	
456	Direct Current Stimulation	Poster	RR42–SS4	Halls A–C	17 Mon	1–5 p.m.	
457	Human Learning: Feedback, Reinforcement, and Reward	Poster	SS5–SS26	Halls A–C	17 Mon	1–5 p.m.	
458	Human Decision-Making: Social and Emotional Factors	Poster	SS27–SS40	Halls A–C	17 Mon	1–5 p.m.	
459	Human Decision-Making: Value	Poster	SS41–SS55	Halls A–C	17 Mon	1–5 p.m.	
460	Human Social Cognition I	Poster	SS56–TT17	Halls A–C	17 Mon	1–5 p.m.	
461	Fear and Aversive Memories: Mechanisms	Poster	TT18–TT36	Halls A–C	17 Mon	1–5 p.m.	
462	Prefrontal Cortex II	Poster	TT37–TT60	Halls A–C	17 Mon	1–5 p.m.	
463	Animal Models: Spatial Learning and Place Cells	Poster	TT61–TT87	Halls A–C	17 Mon	1–5 p.m.	
464	Learning and Memory: Signaling and Gene Expression	Poster	TT88–UU21	Halls A–C	17 Mon	1–5 p.m.	
465	Cortical and Hippocampal Circuits: Learning and Memory	Poster	UU22–UU36	Halls A–C	17 Mon	1–5 p.m.	
466	Cortical and Hippocampal Circuits: Timing and Temporal Processing I	Poster	UU37–UU59	Halls A–C	17 Mon	1–5 p.m.	
467	Fear and Aversive Memories: Acquisition and Extinction	Poster	UU60–UU87	Halls A–C	17 Mon	1–5 p.m.	
468	Fear and Aversive Memories: Modulation	Poster	UU88–VV22	Halls A–C	17 Mon	1–5 p.m.	
469	Cocaine	Poster	VV23–VV37	Halls A–C	17 Mon	1–5 p.m.	
470	Fear and Anxiety: Human and Nonhuman Primates	Poster	VV38–VV61	Halls A–C	17 Mon	1–5 p.m.	
471	Invertebrate Motor Circuits	Poster	VV62–VV75	Halls A–C	17 Mon	1–5 p.m.	
475	Toward Naturalistic Interactive Neuroimaging	Symposium		Ballroom C	18 Tues	8:30–11 a.m.	2.5
491	Perception and Imagery	Nanosymposium		147A	18 Tues	8–11:30 a.m.	
492	Human Reinforcement Learning: Development and Aging	Nanosymposium		150A	18 Tues	8–11:15 a.m.	
550	Visual Perception: Neural Mechanisms	Poster	RR27–RR48	Halls A–C	18 Tues	8 a.m.–noon	
551	Human Long-Term Memory: Medial Temporal Lobe III	Poster	RR49–SS26	Halls A–C	18 Tues	8 a.m.–noon	
552	Language: Neuropsychological Approaches	Poster	SS27–SS44	Halls A–C	18 Tues	8 a.m.–noon	
553	Human Emotion: Behavioral and Neural Mechanisms	Poster	SS45–TT3	Halls A–C	18 Tues	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
554	Working Memory II	Poster	TT4–TT19	Halls A–C	18 Tues	8 a.m.–noon	
555	Human Decision-Making: Cognition and Computation	Poster	TT20–TT44	Halls A–C	18 Tues	8 a.m.–noon	
556	Human Cognition: Timing and Temporal Processing	Poster	TT45–TT71	Halls A–C	18 Tues	8 a.m.–noon	
557	Executive Function: Models of Disorders I	Poster	TT72–TT88	Halls A–C	18 Tues	8 a.m.–noon	
558	Decision-Making I	Poster	TT89–UU25	Halls A–C	18 Tues	8 a.m.–noon	
559	Memory Consolidation and Reconsolidation: Neural Mechanisms	Poster	UU26–UU47	Halls A–C	18 Tues	8 a.m.–noon	
560	Hippocampal and Cortical Circuits II	Poster	UU48–UU68	Halls A–C	18 Tues	8 a.m.–noon	
561	Invertebrate Learning and Memory II	Poster	UU69–UU85	Halls A–C	18 Tues	8 a.m.–noon	
562	Decision-Making: Neuropharmacology	Poster	UU86–VV6	Halls A–C	18 Tues	8 a.m.–noon	
563	Motivation and Emotions: Neurocircuitry	Poster	W7–W28	Halls A–C	18 Tues	8 a.m.–noon	
564	Social Behavior: Neuropharmacology	Poster	W29–W39	Halls A–C	18 Tues	8 a.m.–noon	
565	Vocal Communication in Songbirds: Sensory and Motor Mechanisms II	Poster	W40–W62	Halls A–C	18 Tues	8 a.m.–noon	
567	Generating and Shaping Novel Action Repertoires	Special Lecture		Hall D	18 Tues	1–2:10 p.m.	1.25
573	Noradrenergic Function and Dysfunction: New Insight From Selective Genetic Targeting of Locus Coeruleus	Minisymposium		145B	18 Tues	1:30–4 p.m.	2.5
586	Human Long-Term Memory: Encoding-Retrieval Interactions	Nanosymposium		140A	18 Tues	1–4:30 p.m.	
587	Human Decision-Making: Neural Mechanisms	Nanosymposium		150A	18 Tues	1–3:45 p.m.	
646	Human Long-Term Memory: Encoding Retrieval Interactions	Poster	RR50–SS15	Halls A–C	18 Tues	1–5 p.m.	
647	Attentional Networks: Brain-Behavior Relations	Poster	SS16–SS40	Halls A–C	18 Tues	1–5 p.m.	
648	Executive Function I	Poster	SS41–SS65	Halls A–C	18 Tues	1–5 p.m.	
649	Human Social Cognition II	Poster	SS66–TT14	Halls A–C	18 Tues	1–5 p.m.	
650	Appetitive and Incentive Learning and Memory II	Poster	TT15–TT35	Halls A–C	18 Tues	1–5 p.m.	
651	Decision-Making II	Poster	TT36–TT64	Halls A–C	18 Tues	1–5 p.m.	
652	Learning and Memory: Physiology II	Poster	TT65–TT80	Halls A–C	18 Tues	1–5 p.m.	
653	Learning and Memory: Aging I	Poster	TT81–UU4	Halls A–C	18 Tues	1–5 p.m.	
654	Motivation and Emotions: Fear and Pain	Poster	UU5–UU25	Halls A–C	18 Tues	1–5 p.m.	
655	Motivation and Emotions: Rodent Anxiety Models	Poster	UU26–UU45	Halls A–C	18 Tues	1–5 p.m.	
656	Reward II	Poster	UU46–UU65	Halls A–C	18 Tues	1–5 p.m.	
666	Imaging and Segmentation of Hippocampal Subfields in Humans: Relevance to Cognition and Disease	Minisymposium		145B	19 Wed	8:30–11 a.m.	2.5
678	Human Reinforcement Learning: Neural Mechanisms	Nanosymposium		150B	19 Wed	8–10:30 a.m.	
679	Human Cognition: White Matter and Functional Connectivity	Nanosymposium		146C	19 Wed	8–11:15 a.m.	
741	Human Long-Term Memory: Encoding	Poster	QQ29–RR17	Halls A–C	19 Wed	8 a.m.–noon	
742	Human Emotion: Individual Differences and Disorders	Poster	RR18–RR44	Halls A–C	19 Wed	8 a.m.–noon	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
743	Human Decision-Making: Risk, Effort, and Loss	Poster	RR45–SS5	Halls A–C	19 Wed	8 a.m.–noon	
744	Attention: Individual Differences	Poster	SS6–SS25	Halls A–C	19 Wed	8 a.m.–noon	
745	Executive Function: Models of Disorders II	Poster	SS26–SS43	Halls A–C	19 Wed	8 a.m.–noon	
746	Fear and Aversive Memories: Cortex	Poster	SS44–TT1	Halls A–C	19 Wed	8 a.m.–noon	
747	Fear and Aversive Memories: Amygdala	Poster	TT2–TT28	Halls A–C	19 Wed	8 a.m.–noon	
748	Fear and Aversive Memories: Other Regions and Circuits	Poster	TT29–TT41	Halls A–C	19 Wed	8 a.m.–noon	
749	Memory Consolidation and Reconsolidation: Behavior	Poster	TT42–TT69	Halls A–C	19 Wed	8 a.m.–noon	
750	Animal Models: Recognition Memory and Novelty Detection	Poster	TT70–TT91	Halls A–C	19 Wed	8 a.m.–noon	
751	Oscillations and Learning	Poster	TT92–UU18	Halls A–C	19 Wed	8 a.m.–noon	
752	Cortical and Hippocampal Circuits: Timing and Temporal Processing II	Poster	UU19–UU40	Halls A–C	19 Wed	8 a.m.–noon	
753	Prefrontal and Striatal Systems II	Poster	UU41–UU62	Halls A–C	19 Wed	8 a.m.–noon	
754	Fear and Aversive Memories: Hippocampus	Poster	UU63–UU76	Halls A–C	19 Wed	8 a.m.–noon	
755	Reward: Dopamine II	Poster	UU77–UU91	Halls A–C	19 Wed	8 a.m.–noon	
756	Motivation and Emotions: Reward Circuitry	Poster	UU92–VV12	Halls A–C	19 Wed	8 a.m.–noon	
757	Human Reward	Poster	VV13–VV42	Halls A–C	19 Wed	8 a.m.–noon	
758	Sex and Steroids	Poster	VV43–VV54	Halls A–C	19 Wed	8 a.m.–noon	
761	Affective Neuroscience of Reward: Limbic Modules for Liking and Wanting	Special Lecture		Hall D	19 Wed	1–2:10 p.m.	1.25
763	Neuroscience of Implicit Cognition and Learning: Current Theories and Methods	Symposium		Ballroom A	19 Wed	1:30–4 p.m.	2.5
775	Long-Term Memory: Medial Temporal Lobe	Nanosymposium		143A	19 Wed	1–4 p.m.	
776	Predictive Coding: Human Cognition	Nanosymposium		152A	19 Wed	1–4 p.m.	
835	Functional Mechanisms of Attention II	Poster	PP20–QQ18	Halls A–C	19 Wed	1–5 p.m.	
836	Decision-Making and Stress	Poster	QQ19–QQ28	Halls A–C	19 Wed	1–5 p.m.	
837	Disorders of Executive Function	Poster	QQ29–RR12	Halls A–C	19 Wed	1–5 p.m.	
838	Executive Function II	Poster	RR13–RR33	Halls A–C	19 Wed	1–5 p.m.	
839	Human Cognition I	Poster	RR34–SS8	Halls A–C	19 Wed	1–5 p.m.	
840	Human Cognition II	Poster	SS9–SS22	Halls A–C	19 Wed	1–5 p.m.	
841	Mechanisms of Attention: Parietal and Prefrontal	Poster	SS23–SS34	Halls A–C	19 Wed	1–5 p.m.	
842	Executive Function: Learning and Memory I	Poster	SS35–SS56	Halls A–C	19 Wed	1–5 p.m.	
843	Executive Function: Learning and Memory II	Poster	SS57–TT10	Halls A–C	19 Wed	1–5 p.m.	
844	Executive Function: Network Activity	Poster	TT11–TT38	Halls A–C	19 Wed	1–5 p.m.	
845	Neurogenesis and Plasticity	Poster	TT39–TT68	Halls A–C	19 Wed	1–5 p.m.	
846	Learning and Memory: Pharmacology II	Poster	TT69–TT88	Halls A–C	19 Wed	1–5 p.m.	
847	Learning and Memory: Aging II	Poster	TT89–UU15	Halls A–C	19 Wed	1–5 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
848	Cortical and Hippocampal Circuits: Spatial Navigation III	Poster	UU16–UU45	Halls A–C	19 Wed	1–5 p.m.	
849	Social Behavior: Neural Mechanisms	Poster	UU46–UU63	Halls A–C	19 Wed	1–5 p.m.	
THEME G: NOVEL METHODS AND TECHNOLOGY DEVELOPMENT							
008	Nanoscopy With Focused Light: Principles and Applications	Special Lecture		Hall D	15 Sat	2–3:10 p.m.	1.25
020	Data Analysis and Statistics	Nanosymposium		147B	15 Sat	1–4 p.m.	
096	Genomics, Proteomics, and Systems Biology	Poster	TT7–TT35	Halls A–C	15 Sat	1–5 p.m.	
097	Imaging Advances: Cell Biology	Poster	TT36–TT65	Halls A–C	15 Sat	1–5 p.m.	
098	Imaging Advances: Neural Ultrastructure	Poster	TT66–TT79	Halls A–C	15 Sat	1–5 p.m.	
099	Network Models and Computational Studies	Poster	TT80–UU15	Halls A–C	15 Sat	1–5 p.m.	
103	Enhancing Reproducibility of Neuroscience Studies	Symposium		Ballroom A	16 Sun	8:30–11 a.m.	2.5
184	Imaging Advances: Human	Poster	SS46–SS59	Halls A–C	16 Sun	8 a.m.–noon	
185	Imaging Advances: Silico and High Throughput	Poster	SS60–TT21	Halls A–C	16 Sun	8 a.m.–noon	
186	Network Models and Data Simulation	Poster	TT22–TT49	Halls A–C	16 Sun	8 a.m.–noon	
187	Computation Tools	Poster	TT50–TT72	Halls A–C	16 Sun	8 a.m.–noon	
188	Data Analysis and Statistics I	Poster	TT73–UU6	Halls A–C	16 Sun	8 a.m.–noon	
207	Imaging the Healthy and the Diseased Brain	Nanosymposium		150A	16 Sun	1–4:15 p.m.	
269	Optical Methods I	Poster	TT40–TT58	Halls A–C	16 Sun	1–5 p.m.	
270	Optical Methods II	Poster	TT59–TT75	Halls A–C	16 Sun	1–5 p.m.	
271	Optogenetics: Tool Development	Poster	TT76–TT92	Halls A–C	16 Sun	1–5 p.m.	
272	Data Analysis and Statistics II	Poster	UU1–UU20	Halls A–C	16 Sun	1–5 p.m.	
277	<i>In Vivo</i> Reprogramming for Brain Repair	Minisymposium		Ballroom B	17 Mon	8:30–11 a.m.	2.5
366	Techniques for Monitoring Proteins in Neurons	Poster	UU42–UU65	Halls A–C	17 Mon	8 a.m.–noon	
367	Imaging	Poster	UU66–UU78	Halls A–C	17 Mon	8 a.m.–noon	
368	Imaging Advances: New Histology, Reagents, and Approaches	Poster	UU79–VV16	Halls A–C	17 Mon	8 a.m.–noon	
369	Electrophysiology Recording Tools and Techniques	Poster	VV17–VV28	Halls A–C	17 Mon	8 a.m.–noon	
370	TMS, tDCS, and Other Brain Stimulation Tools	Poster	VV29–VV46	Halls A–C	17 Mon	8 a.m.–noon	
371	Bioinformatics	Poster	VV47–VV64	Halls A–C	17 Mon	8 a.m.–noon	
372	Cellular Models	Poster	VV65–VV88	Halls A–C	17 Mon	8 a.m.–noon	
393	Novel Electrode Technologies	Nanosymposium		150A	17 Mon	1–4 p.m.	
566	Optical Methods for Studying Neural Pathways	Poster	VV63–VV83	Halls A–C	18 Tues	8 a.m.–noon	
657	Techniques for Profiling and Manipulating Defined Neuronal Populations	Poster	UU66–VV3	Halls A–C	18 Tues	1–5 p.m.	
658	Techniques to Image or Modulate Neural Activity	Poster	VV4–VV20	Halls A–C	18 Tues	1–5 p.m.	

Session Number	Session Title	Presentation Type	Poster Board #	Location	Date	Session Time	CME Hours
659	Optogenetics: Integration With Electrophysiology	Poster	VV21–VV39	Halls A–C	18 Tues	1–5 p.m.	
660	Cellular Electrophysiological Methods	Poster	VV40–VV52	Halls A–C	18 Tues	1–5 p.m.	
661	Electrophysiology Recording Tools and Techniques	Poster	VV53–VV83	Halls A–C	18 Tues	1–5 p.m.	
668	Transgenic Primate Models of Human Brain	Minisymposium		151AB	19 Wed	8:30–11 a.m.	2.5
680	Novel Assays: Nanotools for Neuroscience I	Nanosymposium		150A	19 Wed	8–11:15 a.m.	
759	Novel Assays: Nanotools for Neuroscience II	Poster	VV55–VV70	Halls A–C	19 Wed	8 a.m.–noon	
760	Network Models and Cognitive Function	Poster	VV71–VV78	Halls A–C	19 Wed	8 a.m.–noon	
850	Imaging Advances: <i>In Vivo</i> Animals	Poster	UU64–WV1	Halls A–C	19 Wed	1–5 p.m.	
851	Optogenetics: Experimental Uses	Poster	WV2–WV18	Halls A–C	19 Wed	1–5 p.m.	
852	Modeling Neurons, Circuits, and Behavior	Poster	WV19–WV35	Halls A–C	19 Wed	1–5 p.m.	
853	Data Analysis and Statistics III	Poster	WV36–WV50	Halls A–C	19 Wed	1–5 p.m.	
854	Data Analysis and Statistics: Software Tools	Poster	WV51–WV79	Halls A–C	19 Wed	1–5 p.m.	
THEME H: HISTORY, TEACHING, PUBLIC AWARENESS, AND SOCIETAL IMPACTS IN NEUROSCIENCE							
002	Improving Animal Models of Neuropsychiatric Disorders	Empirical Approaches to Neuroscience and Society Symposium		Ballroom A	15 Sat	1:30–4 p.m.	2.5
021	History of Neuroscience	Theme H Poster	UU21–UU40	Halls A–C	15 Sat	1–5 p.m.	
022	K–12	Theme H Poster	UU41–UU62	Halls A–C	15 Sat	1–5 p.m.	
023	College Experiences	Theme H Poster	UU63–UU82	Halls A–C	15 Sat	1–5 p.m.	
024	Teaching Neuroscience: College Courses	Theme H Poster	UU83–WV17	Halls A–C	15 Sat	1–5 p.m.	
025	Graduate and Professional Education	Theme H Poster	WV18–WV36	Halls A–C	15 Sat	1–5 p.m.	
026	Public Outreach I	Theme H Poster	WV37–WV55	Halls A–C	15 Sat	1–5 p.m.	
027	Public Outreach II	Theme H Poster	WV56–WV75	Halls A–C	15 Sat	1–5 p.m.	
028	Ethical and Policy Issues	Theme H Poster	WV76–V88	Halls A–C	15 Sat	1–5 p.m.	
WORKSHOPS, MEETINGS, AND EVENTS							
PDW01	Neurobiology of Disease Workshop: Stroke Recovery: Connecting Neuroimmunology, Regeneration, and Engineering to Restore Functional Circuits	Professional Development Workshop		Ballroom C	14 Fri	8 a.m.–5 p.m.	
PDW02	Short Course #1: Advances in Multineuronal Monitoring of Brain Activity	Professional Development Workshop		Ballroom A	14 Fri	8 a.m.–6 p.m.	
PDW03	Short Course #2: Advances in Brain-Scale, Automated Anatomical Techniques: Neuronal Reconstruction, Tract Tracing, and Atlas	Professional Development Workshop		Ballroom B	14 Fri	8:30 a.m.–6 p.m.	
PDW04	Meet-the-Expert: Session 1	Professional Development Workshop		Renaissance Washington, DC: Meeting Rooms 2, 4, 5, 8, 9, 12	15 Sat	8–9:15 a.m.	
PDW05	Careers Beyond the Bench	Professional Development Workshop		207A	15 Sat	9–11 a.m.	
PDW06	Success in Academia: Different Strategies for Different Stages	Professional Development Workshop		207B	15 Sat	9–11 a.m.	
PDW07	Meet-the-Expert: Session 2	Professional Development Workshop		Renaissance Washington, DC: Meeting Rooms 2, 4, 5, 8, 9	15 Sat	9:30–10:45 a.m.	

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PDW08	Getting the Most Out of SfN: The Annual Meeting and Beyond	Professional Development Workshop		207A	15 Sat	1–2 p.m.	
ME01	Graduate School Fair	Meetings and Events		Hall E	15 Sat	1–3 p.m.	
ME02	Brain Awareness Campaign Event: Communicate Your Science	Meetings and Events		Hall E	15 Sat	3–4:30 p.m.	
PDW09	Mentor–Mentee Interaction: How to Have a Difficult Conversation	Professional Development Workshop		103B	15 Sat	3–4:30 p.m.	
PDW10	Research Careers in Industry and the Private Sector	Professional Development Workshop		207B	15 Sat	3–5 p.m.	
PDW11	NIH Funding and You: A Practical Guide to Surviving and Thriving in Your Research Career	Professional Development Workshop		207A	15 Sat	3:30–5 p.m.	
ME03	Diversity Fellows Poster Session	Meetings and Events		Hall E	15 Sat	6:30–8:30 p.m.	
ME04	International Fellows Poster Session	Meetings and Events		Hall E	15 Sat	6:30–8:30 p.m.	
ME05	Travel Award Recipients Poster Session	Meetings and Events		Hall E	15 Sat	6:30–8:30 p.m.	
PDW12	Career Development Topics: A Networking Event	Professional Development Workshop		Hall E	15 Sat	7:30–9:30 p.m.	
PDW13	A Guide to Publishing and Responsible Conduct	Professional Development Workshop		207A	16 Sun	9–11 a.m.	
ME06	Chapters Workshop: Chapter Value — Engaging Members and the Community	Meetings and Events		103A	16 Sun	11:30 a.m.–1 p.m.	
PDW14	Successful Career Advancement Through Networking: Is It Who You Know?	Professional Development Workshop		207B	16 Sun	11:30 a.m.–1 p.m.	
ME07	Graduate School Fair	Meetings and Events		Hall E	16 Sun	noon–2 p.m.	
ME08	The Neuroscience of Gaming	Social Issues Roundtable		201	16 Sun	1–3 p.m.	
PDW15	News You Can Use: Funding Opportunities for Neuroscience Research and Training at the NSF	Professional Development Workshop		207A	16 Sun	2–4 p.m.	
PDW16	Internationalizing Your Research, Training, and Funding Experience	Professional Development Workshop		207B	16 Sun	2–5 p.m.	
PDW17	How to Effectively Communicate Your Science to the Public	Professional Development Workshop		207B	17 Mon	9–11 a.m.	
PDW18	Teaching Neuroscience: Online Learning	Professional Development Workshop		207A	17 Mon	9–11 a.m.	
ME09	Graduate School Fair	Meetings and Events		Hall E	17 Mon	noon–2 p.m.	
ME10	Animals in Research Panel: Global Ramifications of New Animal Rights Tactics	Meetings and Events		103A	18 Tues	noon–2 p.m.	
ME11	Celebration of Women in Neuroscience	Meetings and Events		Renaissance Washington, DC: Grand Ballroom North	18 Tues	noon–2 p.m.	
ME12	Graduate School Fair	Meetings and Events		Hall E	18 Tues	noon–2 p.m.	
ME13	Public Advocacy Forum: Implications for Science Funding in an Era of Global Brain Initiatives	Meetings and Events		201	18 Tues	3–5 p.m.	
ME14	SfN Members' Business Meeting	Meetings and Events		202B	18 Tues	6:45–7:30 p.m.	
ME15	Graduate Student Reception	Meetings and Events		Renaissance Washington, DC: Grand Ballroom	18 Tues	9 p.m.–midnight	