Journal Club

6100 Exploring the Therapeutic Potential of Protein Tyrosine Phosphatase 1B in hAPP-J20 Mouse Model of Alzheimer’s Disease
Judy Ghalayini

Research Articles

CELLULAR/MOLECULAR

6103 N-Wasp Regulates Oligodendrocyte Myelination
Christina Katanov, Nurit Novak, Anya Vainshtein, Ofra Golani, Jeffery L. Dupree, and Elior Peles

6112 Activity and Cytosolic Na⁺ Regulate Synaptic Vesicle Endocytosis
Yun Zhu, Dainan Li, and Hai Huang

6121 Deletion of the Mitochondrial Matrix Protein Cyclophilin D Prevents Parvalbumin Interneuron Dysfunction and Cognitive Deficits in a Mouse Model of NMDA Hypofunction
Aarron Phensy, Kathy L. Lindquist, Karen A. Lindquist, Dania Bairuty, Esha Gauba, Lan Guo, Jing Tian, Heng Du, and Sven Kroener

6133 Developmentally Transient CB1Rs on Cerebellar Afferents Suppress Afferent Input, Downstream Synaptic Excitation, and Signaling to Migrating Neurons
Jesse L. Barnes, Claudia Mohr, Caitlin R. Ritchey, Chloe M. Erikson, Hiroko Shiina, and David J. Rossi

DEVELOPMENT/PLASTICITY/REPAIR

6146 Cerebral Dopamine Neurotrophic Factor Regulates Multiple Neuronal Subtypes and Behavior
Yu-Chia Chen, Diego Baronio, Svetlana Semenova, Shamsiiat Abdurakhmanova, and Pertti Panula

6165 Deletion of Calcineurin in Schwann Cells Does Not Affect Developmental Myelination, But Reduces Autophagy and Delays Myelin Clearance after Peripheral Nerve Injury
Chelsey B. Reed, Luciana R. Frick, Adam Weaver, Mariapaola Sidoli, Elizabeth Schlant, M. Laura Feltri, and Lawrence Wrabetz
SYSTEMS/CIRCUITS

6177  Differential Impacts of Repeated Sampling on Odor Representations by Genetically-Defined Mitral and Tufted Cell Subpopulations in the Mouse Olfactory Bulb
Thomas P. Eiting and Matt Wachowiak

6189  CCKergic Tufted Cells Differentially Drive Two Anatomically Segregated Inhibitory Circuits in the Mouse Olfactory Bulb
Xicui Sun, Xiang Liu, Eric R. Starr, and Shaolin Liu

6207  Pupillary Dynamics Link Spontaneous and Task-Evoked Activations Recorded Directly from Human Insula
Aaron Kucyi and Josef Parvizi

BEHAVIORAL/COGNITIVE

6219  Neurotelemetry Reveals Putative Predictive Activity in HVC during Call-Based Vocal Communications in Zebra Finches
Shouwen Ma, Andries ter Maat, and Manfred Gahr

NEUROBIOLOGY OF DISEASE

6228  Depression and Social Defeat Stress Are Associated with Inhibitory Synaptic Changes in the Nucleus Accumbens
Mitra Heshmati, Daniel J. Christoffel, Katherine LeClair, Flurin Cathomas, Sam A. Golden, Hossein Aleyasin, Gustavo Turecki, Allyson K. Friedman, Ming-Hu Han, Caroline Menard, and Scott J. Russo

6234  Dietary Amino Acids Impact LRRK2-Induced Neurodegeneration in Parkinson’s Disease Models
Vinita G. Chittoor-Vinod, Steffany Villalobos-Cantor, Hanna Roshak, Kelsey Shea, Leire Abalde-Atristain, and Ian Martin

6250  An Astrocytic Influence on Impaired Tonic Inhibition in Hippocampal CA1 Pyramidal Neurons in a Mouse Model of Rett Syndrome
Qiping Dong, Jason Kim, Linh Nguyen, Qian Bu, and Qiang Chang

Persons interested in becoming members of the Society for Neuroscience should contact the Membership Department at membership@sfn.org or 202-962-4911.

For current submission policies and manuscript preparation guidelines, authors should refer to our Information for Authors at https://www.jneurosci.org/content/information-authors.

Manuscripts should be submitted online at https://jneurosci.msubmit.net. Please contact the Central Office with any questions at jn@sfn.org or 202-962-4000.