This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

5992 Selective Ablation of Sod2 in Astrocytes Induces Sex-Specific Effects on Cognitive Function, n-Serine Availability, and Astrogliosis
Matthew P. Baier, Raghavendra Y. Nagaraja, Hannah P. Yarbrough, Daniel B. Owen, Anthony M. Masingale, Rojina Ranjit, Megan A. Stiles, Ashley Murphy, Martin-Paul Agbaga, Mohiuddin Ahmad, David M. Sherry, Michael T. Kinter, Holly Van Remmen, and Sreemathi Logan

6007 Dual Leucine Zipper Kinase Regulates Dscam Expression through a Noncanonical Function of the Cytoplasmic Poly(A)-Binding Protein
Monika Singh, Bing Ye, and Jung Hwan Kim

6020 Meclizine and Metabotropic Glutamate Receptor Agonists Attenuate Severe Pain and Ca\(^{2+}\) Activity of Primary Sensory Neurons in Chemotherapy-Induced Peripheral Neuropathy
John Shannonhouse, Matteo Bernabucci, Ruben Gomez, Hyeonwi Son, Yan Zhang, Chih-Hsuan Ai, Hirotake Ishida, and Yu Shin Kim

DEVELOPMENT/PLASTICITY/REPAIR

6038 Adenosine and Astrocytes Determine the Developmental Dynamics of Spike Timing-Dependent Plasticity in the Somatosensory Cortex
Irene Martínez-Gallego, Mikel Pérez-Rodríguez, Heriberto Coatl-Cuaya, Gonzalo Flores, and Antonio Rodriguez-Moreno

SYSTEMS/CIRCUITS

6053 Influence of Rat Central Thalamic Neurons on Foraging Behavior in a Hazardous Environment
Mohammad M. Herzallah, Alon Amir, and Denis Paré

BEHAVIORAL/COGNITIVE

6069 Pallidal Activity Related to Posture and Movement during Reaching in the Cat
Yannick Mullié and Trevor Drew

6090 Ras Inhibitor Lonafarnib Rescues Structural and Functional Impairments of Synapses of A\(_{\beta}\)1–42 Mice via a\(\alpha\)7nAChR-Dependent BDNF Upregulation
Chengyun Cai, Lifeng Wang, Shixin Li, Shengchun Lou, Jia-lie Luo, Ding-Yi Fu, and Tingting Chen
Máté Aller, Heidi Solberg Økland, Lucy J. MacGregor, Helen Blank, and Matthew H. Davis

6121 Sensorimotor Cortex GABA Moderates the Relationship between Physical Exertion and Assessments of Effort

6131 Transfer of Tactile Learning from Trained to Untrained Body Parts Supported by Cortical Coactivation in Primary Somatosensory Cortex
Sebastian M. Frank, Alexandra Otto, Gregor Volberg, Peter U. Tse, Takeo Watanabe, and Mark W. Greenlee

NEUROBIOLOGY OF DISEASE

6145 Altered Development of Amygdala-Connected Brain Regions in Males and Females with Autism
Joshua K. Lee, Derek S. Andrews, Arzu Ozturk, Marjorie Solomon, Sally Rogers, David G. Amaral, and Christine Wu Nordahl

6156 Three Dimensions of Association Link Migraine Symptoms and Functional Connectivity
Samuel R. Krimmel, Danielle D. DeSouza, Michael L. Keaser, Bharati M. Sanjanwala, Robert P. Cowan, Martin A. Lindquist, Jennifer A. Haythornthwaite, and David A. Seminowicz

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