This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

3504 The Frog Motor Nerve Terminal Has Very Brief Action Potentials and Three Electrical Regions Predicted to Differentially Control Transmitter Release
Scott P. Ginebaugh, Eric D. Cyphers, Viswanath Lanka, Gloria Ortiz, Evan W. Miller, Rozita Laghaei, and Stephen D. Meriney

3517 Type I Interferons Act Directly on Nociceptors to Produce Pain Sensitization: Implications for Viral Infection-Induced Pain

3533 Carbon Monoxide, a Retrograde Messenger Generated in Postsynaptic Mushroom Body Neurons, Evokes Noncanonical Dopamine Release
Kohei Ueno, Johannes Morstein, Kyoko Ofusa, Shintaro Naganos, Ema Suzuki-Sawano, Saika Minegishi, Samir P. Rezgui, Hiroaki Kitagishi, Brian W. Michel, Christopher J. Chang, Junjiro Horiuchi, and Minoru Saitoe

DEVELOPMENT/PLASTICITY/REPAIR

3549 Neurog2 Acts as a Classical Proneural Gene in the Ventromedial Hypothalamus and Is Required for the Early Phase of Neurogenesis
Shaghayegh Aslanpour, Sisu Han, Carol Schuurmans, and Deborah M. Kurrasch

SYSTEMS/CIRCUITS

3564 Somatostatin-Expressing Interneurons in the Auditory Cortex Mediate Sustained Suppression by Spectral Surround
Anna A. Lakunina, Matthew B. Nardoci, Yashar Ahmadian, and Santiago Jaramillo

3576 Impairment of Pattern Separation of Ambiguous Scenes by Single Units in the CA3 in the Absence of the Dentate Gyrus
Choong-Hee Lee and Inah Lee

3591 The Firing of Theta State-Related Septal Cholinergic Neurons Disrupt Hippocampal Ripple Oscillations via Muscarinic Receptors
Xiaoyu Ma, Yiyao Zhang, Lina Wang, Na Li, Edi Barkai, Xiaohui Zhang, Longnian Lin, and Jiamin Xu
Reward-Based Improvements in Motor Control Are Driven by Multiple Error-Reducing Mechanisms
Olivier Codol, Peter J. Holland, Sanjay G. Manohar, and Joseph M. Galea

Coding of Navigational Distance and Functional Constraint of Boundaries in the Human Scene-Selective Cortex
Jeongho Park and Soojin Park

A Model to Study NMDA Receptors in Early Nervous System Development

The Neural Mechanism of the Social Framing Effect: Evidence from fMRI and tDCS Studies
Jie Liu, Ruolei Gu, Chong Liao, Juanzhi Lu, Yuxing Fang, Pengfei Xu, Yue-jia Luo, and Fang Cui

Sustained Visual Priming Effects Can Emerge from Attentional Oscillation and Temporal Expectation
Muzhi Wang, Yan Huang, Huan Luo, and Hang Zhang

Striatal Nurr1 Facilitates the Dyskinetic State and Exacerbates Levodopa-Induced Dyskinesia in a Rat Model of Parkinson’s Disease
Rhyomi C. Sellnow, Kathy Steece-Collier, Feras Altwal, Ivette M. Sandoval, Jeffrey H. Kordower, Timothy J. Collier, Caryl E. Sortwell, Anthony R. West, and Fredric P. Manfredsson

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