



Cover legend: This image shows neurite outgrowth by cultured mouse neurons 16 hours after a scrape wound was made with a pipette tip. Neurite outgrowth is enhanced by soluble SORLA. For more information, see the article by Stupack et al. Cover Image: Jessica Stupack. (pages 5908–5921).

5893 This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

- 5894 Mu-Opioids Suppress GABAergic Synaptic Transmission onto Orbitofrontal Cortex Pyramidal Neurons with Subregional Selectivity**
Benjamin K. Lau, Brittany P. Ambrose, Catherine S. Thomas, Min Qiao, and Stephanie L. Borgland
- 5908 Soluble SORLA Enhances Neurite Outgrowth and Regeneration through Activation of the EGF Receptor/ERK Signaling Axis**
Jessica Stupack, Xiao-Peng Xiong, Lu-Lin Jiang, Tongmei Zhang, Lisa Zhou, Alex Campos, Barbara Ranscht, William Mobley, Elena B. Pasquale, Huaxi Xu, and Timothy Y. Huang
- 5922 Site of Action of Brain Neurosteroid Pregnenolone Sulfate at the N-Methyl-D-Aspartate Receptor**
Barbora Hrcka Krausova, Bohdan Kysilov, Jiri Cerny, Vojtech Vyklicky, Tereza Smejkalova, Marek Ladislav, Ales Balik, Miloslav Korinek, Hana Chodounska, Eva Kudova, and Ladislav Vyklicky

SYSTEMS/CIRCUITS

- 5937 A Slow Short-Term Depression at Purkinje to Deep Cerebellar Nuclear Neuron Synapses Supports Gain-Control and Linear Encoding over Second-Long Time Windows**
Christine M. Pedroarena
- 5954 Effect of Interglomerular Inhibitory Networks on Olfactory Bulb Odor Representations**
Daniel Zavitz, Isaac A. Youngstrom, Alla Borisyuk, and Matt Wachowiak
- 5970 Discharge and Role of GABA Pontomesencephalic Neurons in Cortical Activity and Sleep-Wake States Examined by Optogenetics and Juxtacellular Recordings in Mice**
Youssef Cissé, Masaru Ishibashi, Josefa Jost, Hanieh Toossi, Lynda Mainville, Antoine Adamantidis, Christopher S. Leonard, and Barbara E. Jones
- 5990 Identification of Dopaminergic Neurons That Can Both Establish Associative Memory and Acutely Terminate Its Behavioral Expression**
Michael Schleyer, Alicé Weiglein, Juliane Thoener, Martin Strauch, Volker Hartenstein, Melisa Kantar Weigelt, Sarah Schuller, Timo Saumweber, Katharina Eichler, Astrid Rohwedder, Dorit Merhof, Marta Zlatic, Andreas S. Thum, and Bertram Gerber

BEHAVIORAL/COGNITIVE

- 6007 Tinnitus Does Not Interfere with Auditory and Speech Perception**
Fan-Gang Zeng, Matthew Richardson, and Katie Turner
- 6018 NPY/NPF-Related Neuropeptide FLP-34 Signals from Serotonergic Neurons to Modulate Aversive Olfactory Learning in *Caenorhabditis elegans***
Melissa Fadda, Nathan De Fruyt, Charline Borghgraef, Jan Watteryne, Kathleen Peymen, Elke Vandeweyer, Francisco J. Naranjo Galindo, Amanda Kieswetter, Olivier Mirabeau, Yee Lian Chew, Isabel Beets, and Liliane Schoofs
- 6035 On Stopping Voluntary Muscle Relaxations and Contractions: Evidence for Shared Control Mechanisms and Muscle State-Specific Active Breaking**
Jack De Havas, Sho Ito, and Hiroaki Gomi

NEUROBIOLOGY OF DISEASE

- 6049 Complex Movement Control in a Rat Model of Parkinsonian Falls: Bidirectional Control by Striatal Cholinergic Interneurons**
Cassandra Avila, Aaron Kucinski, and Martin Sarter
- 6068 Anandamide Signaling Augmentation Rescues Amygdala Synaptic Function and Comorbid Emotional Alterations in a Model of Epilepsy**
Roberto Colangeli, Maria Morena, Quentin J. Pittman, Matthew N. Hill, and G. Campbell Teskey
- 6082 Poststroke Impairment and Recovery Are Predicted by Task-Specific Regionalization of Injury**
Matthew S. Jeffers, Boris Touvykine, Allyson Ripley, Gillian Lahey, Anthony Carter, Numa Dancause, and Dale Corbett
- 6098 *Erratum:*** The article “Primate Orbitofrontal Cortex Codes Information Relevant for Managing Explore–Exploit Tradeoffs” by Vincent Costa and Bruno Averbeck, appeared on pages 2533–2561 of the March 18, 2020 issue. An erratum for this article appears on page 6098.

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