



Cover legend: This image shows a parvalbumin-expressing interneuron overlaid on a 2-color fluorescent in situ hybridization image showing expression of NMDA receptor GluN2D in GAD-expressing GABAergic interneurons. For more information, see the article by Hanson et al. (pages 3611–3626).

3359 This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

- 3600 GIRK Channel Activity in Dopamine Neurons of the Ventral Tegmental Area Bidirectionally Regulates Behavioral Sensitivity to Cocaine**
Nora M. McCall, Ezequiel Marron Fernandez de Velasco, and Kevin Wickman

DEVELOPMENT/PLASTICITY/REPAIR

- 3611 Tonic Activation of GluN2C/GluN2D-Containing NMDA Receptors by Ambient Glutamate Facilitates Cortical Interneuron Maturation**
Elizabeth Hanson, Moritz Armbruster, Lauren A. Lau, Mary E. Sommer, Zin-Juan Klaft, Sharon A. Swanger, Stephen F. Traynelis, Stephen J. Moss, Farzad Noubary, Jayashree Chadchankar, and Chris G. Dulla

SYSTEMS/CIRCUITS

- 3627 The Human Ventromedial Prefrontal Cortex: Sulcal Morphology and Its Influence on Functional Organization**
Alizée Lopez-Persem, Lennart Verhagen, Céline Amiez, Michael Petrides, and Jérôme Sallet
- 3640 A Resting-State Functional MR Imaging and Spectroscopy Study of the Dorsal Hippocampus in the Chronic Unpredictable Stress Rat Model**
Ricardo Magalhães, Ashley Novais, David A. Barrière, Paulo Marques, Fernanda Marques, João C. Sousa, João J. Cerqueira, Arnaud Cachia, Therese M. Jay, Michel Bottlaender, Nuno Sousa, Sébastien Mériaux, and Fawzi Boumezeur
- 3651 Burst Firing and Spatial Coding in Subicular Principal Cells**
Jean Simonnet and Michael Brecht
- 3663 Multisensory Neurons in the Primate Amygdala**
Jeremiah Morrow, Clayton Mosher, and Katalin Gothard
- 3676 Resting-State Neural Firing Rate Is Linked to Cardiac-Cycle Duration in the Human Cingulate and Parahippocampal Cortices**
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- 3687 Choice-Selective Neurons in the Auditory Cortex and in Its Striatal Target Encode Reward Expectation**
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- 3698 **Sequential Neural Activity in Primary Motor Cortex during Sleep**
Wei Xu, Felipe De Carvalho, and Andrew Jackson
- 3713 **Olfactory Navigation and the Receptor Nonlinearity**
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G. Bard Ermentrout, and Katherine I. Nagel

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- 3728 **Differential Brain Mechanisms of Selection and Maintenance of Information during Working Memory**
Romain Quentin, Jean-Rémi King, Etienne Sallard, Nathan Fishman,
Ryan Thompson, Ethan R. Buch, and Leonardo G. Cohen
- 3741 **Symmetrical Viewpoint Representations in Face-Selective Regions Convey an Advantage in the Perception and Recognition of Faces**
Tessa R. Flack, Richard J. Harris, Andrew W. Young, and Timothy J. Andrews

NEUROBIOLOGY OF DISEASE

- 3752 **Translocator Protein Ligand Protects against Neurodegeneration in the MPTP Mouse Model of Parkinsonism**
Jing Gong, Éva M. Szego, Andrei Leonov, Eva Benito, Stefan Becker,
Andre Fischer, Markus Zweckstetter, Tiago Outeiro, and Anja Schneider
- 3770 **The Divergent Roles of Dietary Saturated and Monounsaturated Fatty Acids on Nerve Function in Murine Models of Obesity**
Amy E. Rumora, Giovanni LoGrasso, John M. Hayes, Faye E. Mendelson,
Maegan A. Tabbey, Julia A. Haidar, Stephen I. Lentz, and Eva L. Feldman
- 3782 **Erratum:** The article “Spatially Patterned Electrical Stimulation to Enhance Resolution of Retinal Prostheses” by Lauren H. Jepson, Paweł Hottowy, Keith Mathieson, Deborah E. Gunning, Władysław Dąbrowski, Alan M. Litke, and E.J. Chichilnisky, appeared on pages 4871–4881 of the April 2, 2014 issue. An erratum for this article appears on p. 3782.

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