



Cover legend: This schematic diagram shows the progenitor domains in dorsal (mixed colors) and ventral forebrain (yellow) regions of Nissl-stained embryonic day 12.5 mouse brain lacking Suppressor of Fused, a potent regulator of Sonic Hedgehog signaling. In these mutant mice, cortical progenitors are unable to maintain their dorsal forebrain identity and specification program, instead exhibiting properties of ventral forebrain progenitors. For more information, see the article by Yabut et al. Cover Image: Odessa Yabut. (pages 6872–6877).

6821 This Week in The Journal

Journal Club

- 6822 **Dorsal Striatum Dynamically Incorporates Velocity Adjustments during Locomotion**
Brian S. Muntean

Research Articles

CELLULAR/MOLECULAR

- 6825 **Presynaptic L-Type Ca^{2+} Channels Increase Glutamate Release Probability and Excitatory Strength in the Hippocampus during Chronic Neuroinflammation**
Giorgia Giansante, Antonella Marte, Alessandra Romei, Cosimo Prestigio, Franco Onofri, Fabio Benfenati, Pietro Baldelli, and Pierluigi Valente
- 6842 **Alcohol Dependence and Withdrawal Impair Serotonergic Regulation of GABA Transmission in the Rat Central Nucleus of the Amygdala**
Sophia Khom, Sarah A. Wolfe, Reesha R. Patel, Dean Kirson, David M. Hedges, Florence P. Varodayan, Michal Bajo, and Marisa Roberto
- 6854 **Astrocytic Ephrin-B1 Controls Excitatory-Inhibitory Balance in Developing Hippocampus**
Amanda Q. Nguyen, Samantha Sutley, Jordan Koeppen, Karen Mina, Simone Woodruff, Sandy Hanna, Alekya Vengala, Peter W. Hickmott, Andre Obenaus, and Iryna M. Ethell

DEVELOPMENT/PLASTICITY/REPAIR

- 6872 **The Neocortical Progenitor Specification Program Is Established through Combined Modulation of SHH and FGF Signaling**
Odessa R. Yabut, Hui-Xuan Ng, Keejung Yoon, Jessica C. Arela, Thomas Ngo, and Samuel J. Pleasure

SYSTEMS/CIRCUITS

- 6888 **Activation of Infralimbic to Nucleus Accumbens Shell Pathway Suppresses Conditioned Aversion in Male But Not Female Rats**
Seth W. Hurley and Regina M. Carelli
- 6896 **Mechanisms and Functional Consequences of Presynaptic Homeostatic Plasticity at Auditory Nerve Synapses**
Xiaowen Zhuang, Nicole F. Wong, Wei Sun, and Matthew A. Xu-Friedman
- 6910 **HippoBellum: Acute Cerebellar Modulation Alters Hippocampal Dynamics and Function**
Zachary Zeidler, Katerina Hoffmann, and Esther Krook-Magnuson

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- 6938 Responses to Visual Speech in Human Posterior Superior Temporal Gyrus Examined with iEEG Deconvolution**
Brian A. Metzger, John F. Magnotti, Zhengjia Wang, Elizabeth Nesbitt, Patrick J. Karas, Daniel Yoshor, and Michael S. Beauchamp
- 6949 Flexible Coordinator and Switcher Hubs for Adaptive Task Control**
Carrisa V. Cocuzza, Takuya Ito, Douglas Schultz, Danielle S. Bassett, and Michael W. Cole
- 6969 Amygdala-Prefrontal Structural Connectivity Mediates the Relationship between Prenatal Depression and Behavior in Preschool Boys**
Rebecca E. Hay, Jess E. Reynolds, Melody N. Grohs, Dmitrii Paniukov, Gerald F. Giesbrecht, Nicole Letourneau, Deborah Dewey, and Catherine Lebel
- 6978 Deconstructing the Direct Reciprocal Hippocampal-Anterior Thalamic Pathways for Spatial Learning**
Andrew J.D. Nelson, Lisa Kinnavane, Eman Amin, Shane M. O'Mara, and John P. Aggleton

NEUROBIOLOGY OF DISEASE

- 6991 The Chemokine-like Receptor 1 Deficiency Improves Cognitive Deficits of AD Mice and Attenuates Tau Hyperphosphorylation via Regulating Tau Seeding**
Haibo Zhang, Aihua Lin, Ping Gong, Yanqing Chen, Richard D. Ye, Feng Qian, Yan Zhang, and Yang Yu
- 7008 *Erratum:*** The article “Two Brains in Action: Joint-Action Coding in the Primate Frontal Cortex,” by Simone Ferrari-Toniolo, Federica Visco-Comandini and Alexandra Battaglia-Mayer, appeared on pages 3514–3528 of the May 1, 2019 issue. An erratum for this article appears on page 7008.

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