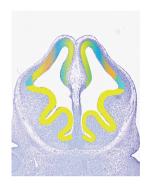


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Cover legend: This schematic diagram shows the progenitor domains in dorsal (mixed colors) and ventral forebrain (yellow) regions of Nissl-stained embryonic day 12.5 mouse brain lacking Suppressor of Fused, a potent regulator of Sonic Hedgehog signaling. 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 Ca²⁺ 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
- 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
- Mechanisms and Functional Consequences of Presynaptic Homeostatic Plasticity at Auditory Nerve Synapses
 Xiaowen Zhuang, Nicole F. Wong, Wei Sun, and Matthew A. Xu-Friedman
- HippoBellum: Acute Cerebellar Modulation Alters Hippocampal Dynamics and Function
 Zachary Zeidler, Katerina Hoffmann, and Esther Krook-Magnuson

BEHAVIORAL/COGNITIVE

6927 Oscillatory Bursts in Parietal Cortex Reflect Dynamic Attention between Multiple Objects and Ensembles

Andreas Wutz, Agnese Zazio, and Nathan Weisz

6938 Responses to Visual Speech in Human Posterior Superior Temporal Gyrus Examined with iEEG Deconvolution

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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

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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

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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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