



**Cover legend:** This image shows prefrontal cortical axons forming glutamatergic release sites at the mediobasal hypothalamus. Prefrontal axons were immunostained for green fluorescent protein (GFP in green), vesicular glutamate transporter 1 (vGLUT1 in blue), and vesicular GABA transporter (vGAT in red). Hypothalamic neurons were visualized by fluorescent Nissl staining (white). Prefrontal inputs directly regulate quantitative and qualitative aspects of aggression in the mediobasal and lateral hypothalamus, respectively. (pages 4065–4075).

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### Journal Club

- 4059 **Elucidating the Role of the Ventrolateral Prefrontal Cortex in Economic Decision-Making**  
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- 4062 **Is There a Role for Pattern Separation during Sleep?**  
Jia-Hou Poh and James Nicholas Cousins

### Research Articles

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- 4076 **Cell-Type-Specific *Shank2* Deletion in Mice Leads to Differential Synaptic and Behavioral Phenotypes**  
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- 4093 **Targeting of NF- $\kappa$ B to Dendritic Spines Is Required for Synaptic Signaling and Spine Development**  
Erica C. Dresselhaus, Matthew C.H. Boersma, and Mollie K. Meffert

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- 4243 **Collagen XIII Is Required for Neuromuscular Synapse Regeneration and Functional Recovery after Peripheral Nerve Injury**  
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#### SYSTEMS/CIRCUITS

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- 4123 **Dual Coding of Frequency Modulation in the Ventral Cochlear Nucleus**  
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- 4138 **Adaptation to Noise in Human Speech Recognition Unrelated to the Medial Olivocochlear Reflex**  
Miriam I. Marrufo-Pérez, Almudena Eustaquio-Martín, and Enrique A. Lopez-Poveda

4163 **Low-Dimensional and Monotonic Preparatory Activity in Mouse Anterior Lateral Motor Cortex**

Hidehiko K. Inagaki, Miho Inagaki, Sandro Romani, and Karel Svoboda

4212 **Restoration of Kv7 Channel-Mediated Inhibition Reduces Cued-Reinstatement of Cocaine Seeking**

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BEHAVIORAL/COGNITIVE

4065 **Task Division within the Prefrontal Cortex: Distinct Neuron Populations Selectively Control Different Aspects of Aggressive Behavior via the Hypothalamus**

Laszlo Biro, Eszter Sipos, Biborka Bruzsik, Imre Farkas, Dora Zelena, Diana Balazsfi, Mate Toth, and Jozsef Haller

4186 **The Synaptic Properties of Cells Define the Hallmarks of Interval Timing in a Recurrent Neural Network**

Oswaldo Pérez and Hugo Merchant

4200 **Human Episodic Memory Retrieval Is Accompanied by a Neural Contiguity Effect**

Sarah Folkerts, Ueli Rutishauser, and Marc W. Howard

4230 **Intracranial Electrophysiology Reveals Reproducible Intrinsic Functional Connectivity within Human Brain Networks**

Aaron Kucyi, Jessica Schrouff, Stephan Bickel, Brett L. Foster, James M. Shine, and Josef Parvizi

NEUROBIOLOGY OF DISEASE

4146 **Soluble TNF $\alpha$  Signaling within the Spinal Cord Contributes to the Development of Autonomic Dysreflexia and Ensuing Vascular and Immune Dysfunction after Spinal Cord Injury**

Eugene Mironets, Patrick Osei-Owusu, Valerie Bracchi-Ricard, Roman Fischer, Elizabeth A. Owens, Jerome Ricard, Di Wu, Tatiana Saltos, Eileen Collyer, Shaoping Hou, John R. Bethea, and Veronica J. Tom

4259 **Erratum:** The article “Endoplasmic Reticulum Stress Contributes to the Loss of Newborn Hippocampal Neurons after Traumatic Brain Injury” by Kimberly N. Hood, Jing Zhao, John B. Redell, Michael J. Hylin, Brynn Harris, Alec Perez, Anthony N. Moore, and Pramod K. Dash, appeared on pages 2372–2384 of the February 28, 2018 issue. An erratum for this article appears on p. 4259.

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