

**Cover legend:** This image shows human neurons derived from embryonic stem cells (H9), at 21 days after differentiation. Nuclei are stained with DAPI and the neuronal microtubules are stained with an antibody against  $\beta$ -III-Tubulin. These cells were used to test candidate modifiers of  $\alpha$ -Synuclein levels. For more information, see the article by Rousseaux et al. (pages 9286–9301)

## Journal Club

- 9123  **$\beta$ -Amyloid Accumulation Slows Earlier than Expected in Preclinical Alzheimer's Disease Patients**  
Henrique Camara and Evandro A. De-Souza
- 9126 **A Role for Microglia in Retinal Development**  
Kevin Guttenplan, Jacob Blum, and Mariko Bennett

## Research Articles

### CELLULAR/MOLECULAR

- 9142 **The Divalent Metal Transporter 1 (DMT1) Is Required for Iron Uptake and Normal Development of Oligodendrocyte Progenitor Cells**  
Veronica T. Cheli, Diara A. Santiago González, Leandro N. Marziali, Norma N. Zamora, María E. Guitart, Vilma Spreuer, Juana M. Pasquini, and Pablo M. Paez
- 9186 **CACHD1 is an  $\alpha$ 2 $\delta$ -Like Protein That Modulates Ca<sub>v</sub>3 Voltage-Gated Calcium Channel Activity**  
Graeme S. Cottrell, Camille H. Soubrane, James A. Hounshell, Hong Lin, Venetia Owenson, Michael Rigby, Peter J. Cox, Bryan S. Barker, Matteo Ottolini, Selvi Ince, Claudia C. Bauer, Edward Perez-Reyes, Manoj K. Patel, Edward B. Stevens, and Gary J. Stephens
- 9215 **Stac Proteins Suppress Ca<sup>2+</sup>-Dependent Inactivation of Neuronal L-type Ca<sup>2+</sup> Channels**  
Alexander Polster, Philip J. Dittmer, Stefano Perni, Hicham Bichraoui, William A. Sather, and Kurt G. Beam
- 9252 **Convergent Metabotropic Signaling Pathways Inhibit SK Channels to Promote Synaptic Plasticity in the Hippocampus**  
Cezar M. Tigaret, Sophie E.L. Chamberlain, Joseph H.L.P. Sadowski, Jeremy Hall, Michael C. Ashby, and Jack R. Mellor

### DEVELOPMENT/PLASTICITY/REPAIR

- 9228 **A Subpopulation of Foxj1-Expressing, Nonmyelinating Schwann Cells of the Peripheral Nervous System Contribute to Schwann Cell Remyelination in the Central Nervous System**  
Dan Ma, Bawei Wang, Malgorzata Zawadzka, Ginez Gonzalez, Zhaozong Wu, Bin Yu, Emma L. Rawlins, Robin J.M. Franklin, and Chao Zhao

## SYSTEMS/CIRCUITS

- 9129 **Cortical Potentials Evoked by Subthalamic Stimulation Demonstrate a Short Latency Hyperdirect Pathway in Humans**  
Svjetlana Miocinovic, Coralie de Hemptinne, Witney Chen, Faical Isbaine, Jon T. Willie, Jill L. Ostrem, and Philip A. Starr
- 9240 **Neuronal Response Latencies Encode First Odor Identity Information across Subjects**  
Marco Paoli, Angela Albi, Mirko Zanon, Damiano Zanini, Renzo Antolini, and Albrecht Haase
- 9263 **Anterior Temporal Lobectomy Impairs Neural Classification of Body Emotions in Right Superior Temporal Sulcus and Reduces Emotional Enhancement in Distributed Brain Areas without Affecting Behavioral Classification**  
Laura Van de Vliet, Jan Jastorff, Yun-An Huang, Wim Van Paesschen, Mathieu Vandenbulcke, and Jan Van den Stock

## BEHAVIORAL/COGNITIVE

- 9160 **Spinal RNF20-Mediated Histone H2B Monoubiquitylation Regulates mGluR5 Transcription for Neuropathic Allodynia**  
Cheng-Yuan Lai, Ming-Chun Hsieh, Yu-Cheng Ho, Hsueh-Hsiao Wang, Dylan Chou, Yang-Cheng Wen, Po-Sheng Yang, Jen-Kun Cheng, and Hsien-Yu Peng
- 9175 **Dreaming in NREM Sleep: A High-Density EEG Study of Slow Waves and Spindles**  
Francesca Siclari, Giulio Bernardi, Jacinthe Cataldi, and Giulio Tononi
- 9202 **Amnesiac Is Required in the Adult Mushroom Body for Memory Formation**  
Oriane Turrel, Valérie Goguel, and Thomas Preat
- 9275 **Nature and Nurture: Brain Region-Specific Inheritance of Sleep Neurophysiology in Adolescence**  
Thomas Rusterholz, Christoph Hamann, Andjela Markovic, Stefanie J. Schmidt, Peter Achermann, and Leila Tarokh

## NEUROBIOLOGY OF DISEASE

- 9286 **A Druggable Genome Screen Identifies Modifiers of  $\alpha$ -Synuclein Levels via a Tiered Cross-Species Validation Approach**  
Maxime W.C. Rousseaux, Gabriel E. Vázquez-Vélez, Ismael Al-Ramahi, Hyun-Hwan Jeong, Aleksandar Bajic, Jean-Pierre Revelli, Hui Ye, Emily T. Phan, Jennifer M. Deger, Alma M. Perez, Ji-Yoen Kim, Laura A. Lavery, Qikia Xu, Mamie Z. Li, Hyojin Kang, Jean J. Kim, Joshua M. Shulman, Thomas F. Westbrook, Stephen J. Elledge, Zhandong Liu, Juan Botas, and Huda Y. Zoghbi
- 9302 **Correction:** The article “Selective role of RGS9-2 in Regulating Retrograde Synaptic Signaling of Indirect Pathway Medium Spiny Neurons in Dorsal Striatum” by Chenghui Song, Garret R. Anderson, Laurie P. Sutton, Maria Dao and Kirill A. Martemyanov, appeared on pages 7120–7131 of the August 8, 2018 issue. A correction for this article appears on p. 9302.

**9303** *Correction:* The article “Differential sampling of visual space in ventral and dorsal early visual cortex” by Edward H. Silson, Richard C. Reynolds, Dwight J. Kravitz, and Chris I. Baker, which appeared on pages 2294–2303 of the February 28, 2018 issue. A correction for this article appears on pp. 9303–9309.

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