



Cover legend: This image shows multiple differently colored copies of a teased myelinated nerve fiber from a regenerating sciatic nerve. In these fibers, nodes of Ranvier and Schmidt-Lanterman incisures (labeled with rhodamine-conjugated phalloidin and colored magenta in the top image) are likely sites of iron transfer from Schwann cells to axonal mitochondria (immunostained for porin and colored yellow in the top image). For more information, see the article by Mietto et al. (pages 7300–7313).
Cover Image: Dr. Bruno Siqueira Mietto.

7161 This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

7162 Regulation of Synapse Weakening through Interactions of the Microtubule Associated Protein Tau with PACSIN1

Philip Regan, Scott J. Mitchell, Seung-Chan Kim, Younbok Lee, Jee Hyun Yi, Saviana A. Barbati, Christopher Shaw, and Kwangwook Cho

7171 Glial-Specific Deletion of Med12 Results in Rapid Hearing Loss via Degradation of the Stria Vascularis

Teng-Wei Huang, Amrita A. Iyer, Jeanne M. Manalo, Junsung Woo, Navish A. Bosquez Huerta, Melissa M. McGovern, Heinrich Schrewe, Fredrick A. Pereira, Andrew K. Groves, Kevin K. Ohlemiller, and Benjamin Deneen

SYSTEMS/CIRCUITS

7182 Differential Excitability of PV and SST Neurons Results in Distinct Functional Roles in Inhibition Stabilization of Up States

Juan L. Romero-Sosa, Helen Motanis, and Dean V. Buonomano

7197 Dopamine Axons in Dorsal Striatum Encode Contralateral Visual Stimuli and Choices

Morgane M. Moss, Peter Zátka-Haas, Kenneth D. Harris, Matteo Carandini, and Armin Lak

7206 Midbrain-Level Neural Correlates of Behavioral Tone-in-Noise Detection: Dependence on Energy and Envelope Cues

Yingxuan Wang, Kristina S. Abrams, Laurel H. Carney, and Kenneth S. Henry

BEHAVIORAL/COGNITIVE

7224 The Human Brain Encodes a Chronicle of Visual Events at Each Instant of Time Through the Multiplexing of Traveling Waves

Jean-Rémi King and Valentin Wyart

7234 Neural Representations in the Prefrontal Cortex Are Task Dependent for Scene Attributes But Not for Scene Categories

Yaelan Jung and Dirk B. Walther

7246 Flexible versus Fixed Spatial Self-Ordered Response Sequencing: Effects of Inactivation and Neurochemical Modulation of Ventrolateral Prefrontal Cortex

S. F. A. Axelsson, N. K. Horst, Naotaka Horiguchi, A. C. Roberts, and T. W. Robbins

- 7259 **Suppressing the Morning Cortisol Rise After Memory Reactivation at 4 A.M. enhances Episodic Memory Reconsolidation in Humans**
Despina Antypa, Aurore A. Perrault, Patrik Vuilleumier, Sophie Schwartz, and Ulrike Rimmele
- 7267 **The Medial Orbitofrontal Cortex–Basolateral Amygdala Circuit Regulates the Influence of Reward Cues on Adaptive Behavior and Choice**
Nina T. Lichtenberg, Linnea Sepe-Forrest, Zachary T. Pennington, Alexander C. Lamparelli, Venuz Y. Greenfield, and Kate M. Wassum

NEUROBIOLOGY OF DISEASE

- 7278 **Contribution of AMPA Receptor-Mediated LTD in LA/BLA-CeA Pathway to Comorbid Aversive and Depressive Symptoms in Neuropathic Pain**
Hong Jiang, Jiang-Ping Liu, Ke Xi, Ling-Yu Liu, Ling-Yu Kong, Jie Cai, Si-Qing Cai, Xi-Yuan Han, Jing-Gui Song, Xiao-Mei Yang, You Wan, and Guo-Gang Xing
- 7300 **Schwann Cells Provide Iron to Axonal Mitochondria and Its Role in Nerve Regeneration**
Bruno Siqueira Mietto, Priya Jhelum, Katrin Schulz, and Samuel David
- 7314 **Corticotropin-Releasing Hormone from the Pontine Micturition Center Plays an Inhibitory Role in Micturition**
Jason P. Van Batavia, Stephan Butler, Eleanor Lewis, Joanna Fesi, Douglas A. Canning, Stefano Vicini, Rita J. Valentino, and Stephen A. Zderic
- 7326 **Erratum:** The article “REST Protects Dopaminergic Neurons from Mitochondrial and α -Synuclein Oligomer Pathology in an Alpha Synuclein Overexpressing BAC-Transgenic Mouse Model” by Brent J. Ryan, Nora Bengoa-Vergniory, Matthew Williamson, Ecem Kirkiz, Rosalind Roberts, Gabriele Corda, Maximilian Sloan, Saba Saqlain, Marta Cherubini, Josse Poppinga, Helle Bogetofte, Milena Cioroch, Svenja Hester, and Richard Wade-Martins, appeared on pages 3731–3746 of the April 21, 2021 issue. An erratum for this article appears on page 7326.
- 7327 **Expression of Concern:** The article, “TACE/ADAM17 Is Essential for Oligodendrocyte Development and CNS Myelination” by Javier Palazuelos, Howard C. Crawford, Michael Klingener, Bingru Sun, Jason Karelis, Elaine W. Raines, and Adan Aguirre, appeared on pages 11884–11896 of the September 3, 2014 issue. An expression of concern for this article appears on page 7327.

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