



Cover legend: This electron micrograph shows immunogold labeling of eGFP-tagged ribosome L10 subunits in perisynaptic astroglial processes in mouse somatosensory cortex. For more information, see the article by Men, Higashimori et al. (pages 5803–5814).
Cover image: Haruki Higashimori.

5656 This Week in The Journal

Journal Club

- 5657 **Separating Uncertainty from Surprise in Auditory Processing with Neurocomputational Models: Implications for Music Perception**
Vincent K. M. Cheung and Shu Sakamoto

Research Articles

CELLULAR/MOLECULAR

- 5660 **In Vivo Optogenetics Reveals Control of Cochlear Electromechanical Responses by Supporting Cells**
Victoria A. Lukashkina, Snezana Levic, Patrício Simões, Zhenhang Xu, Joseph A. DiGuseppi, Jian Zuo, Andrei N. Lukashin, and Ian J. Russell
- 5672 **Membrane Stretch Gates NMDA Receptors**
Sophie Belin, Bruce A. Maki, James Catlin, Benjamin A. Rein, and Gabriela K. Popescu

DEVELOPMENT/PLASTICITY/REPAIR

- 5681 **Graded Variation in T1w/T2w Ratio during Adolescence: Measurement, Caveats, and Implications for Development of Cortical Myelin**
Graham L. Baum, John C. Flournoy, Matthew F. Glasser, Michael P. Harms, Patrick Mair, Ashley F. P. Sanders, Deanna M. Barch, Randy L. Buckner, Susan Bookheimer, Mirella Dapretto, Stephen Smith, Kathleen M. Thomas, Essa Yacoub, David C. Van Essen, and Leah H. Somerville

SYSTEMS/CIRCUITS

- 5695 **Inputs to the Sleep Homeostat Originate Outside the Brain**
Lawrence K. Satterfield, Joydeep De, Meilin Wu, Tianhao Qiu, and William J. Joiner
- 5705 **Resting-State fMRI-Based Screening of Deschloroclozapine in Rhesus Macaques Predicts Dosage-Dependent Behavioral Effects**
Atsushi Fujimoto, Catherine Elorette, J. Megan Fredericks, Satoka H. Fujimoto, Lazar Fleysher, Peter H. Rudebeck, and Brian E. Russ

BEHAVIORAL/COGNITIVE

- 5717 **Rewarded Extinction Increases Amygdalar Connectivity and Stabilizes Long-Term Memory Traces in the vmPFC**
Nicole E. Keller, Augustin C. Hennings, Emily K. Leiker, Jarrod A. Lewis-Peacock, and Joseph E. Dunsmoor

- 5730 **Rat Anterior Cingulate Cortex Continuously Signals Decision Variables in a Patch Foraging Task**
Gary A. Kane, Morgan H. James, Amitai Shenhav, Nathaniel D. Daw, Jonathan D. Cohen, and Gary Aston-Jones
- 5745 **The Time Course of Language Production as Revealed by Pattern Classification of MEG Sensor Data**
Francesca Carota, Jan-Mathijs Schoffelen, Robert Oostenveld, and Peter Indefrey
- 5755 **Prefrontal GABA_A(δ)R Promotes Fear Extinction through Enabling the Plastic Regulation of Neuronal Intrinsic Excitability**
Han-Qing Pan, Xiao-Xuan Liu, Ye He, Jin Zhou, Cai-Zhi Liao, Wen-Jie You, Si-Ying Jiang, Xia Qin, Wen-Bing Chen, Er-Kang Fei, Wen-Hua Zhang, and Bing-Xing Pan
- 5771 **Voluntary Motor Command Release Coincides with Restricted Sensorimotor Beta Rhythm Phases**
Sara J Hussain, Mary K Vollmer, Iñaki Iturrate, and Romain Quentin

NEUROBIOLOGY OF DISEASE

- 5782 **APPs α Rescues Tau-Induced Synaptic Pathology**
Charlotte S. Bold, Danny Baltissen, Susann Ludewig, Michaela K. Back, Jennifer Just, Lara Kilian, Susanne Erdinger, Marija Banicevic, Lena Rehra, Fadi Almouhanna, Martina Nigri, David P. Wolfer, Roman Spilger, Karl Rohr, Oliver Kann, Christian J. Buchholz, Jakob von Engelhardt, Martin Korte, and Ulrike C. Müller
- 5803 **Functionally Clustered mRNAs Are Distinctly Enriched at Cortical Astroglial Processes and Are Preferentially Affected by FMRP Deficiency**
Yueqin Men, Haruki Higashimori, Kathryn Reynolds, Leona Tu, Rachel Jarvis, and Yongjie Yang

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