



**Cover legend:** This image shows a putative indirect-pathway striatal medium spiny neuron (cyan) labeled during *in vivo* juxtacellular recording in a mouse in which the fluorescent dye tomato (red) was expressed under the control of the D1 dopamine receptor promoter. For more information, see the article by Keifman, Coll et al. (Pages 8767–8779).  
Cover Image: Barbara Yael Braz.

## 8754 This Week in The Journal

### Journal Club

- 8755 **Generalization and Idiosyncrasy: Two Sides of the Same Brain**  
Stefania Mattioni and Ceren Battal

### Research Articles

#### CELLULAR/MOLECULAR

- 8758 **Shisa7-Dependent Regulation of GABA<sub>A</sub> Receptor Single-Channel Gating Kinetics**  
David Castellano, Kunwei Wu, Angelo Keramidas, and Wei Lu

#### DEVELOPMENT/PLASTICITY/REPAIR

- 8767 **Preserved Motility after Neonatal Dopaminergic Lesion Relates to Hyperexcitability of Direct Pathway Medium Spiny Neurons**  
Ettel Keifman, Camila Coll, Cecilia Tubert, Rodrigo M. Paz, Juan E. Belforte, Mario G. Murer, and Barbara Y. Braz

#### SYSTEMS/CIRCUITS

- 8780 **Single Nuclei Analyses Reveal Transcriptional Profiles and Marker Genes for Diverse Supraspinal Populations**  
Zachary Beine, Zimei Wang, Pantelis Tsoulfas, and Murray G. Blackmore
- 8795 **Circadian Regulation of the Rod Contribution to Mesopic Vision in Mice**  
Annette E. Allen
- 8807 **Whole-Brain Propagation Delays in Multiple Sclerosis, a Combined Tractography-Magnetoencephalography Study**  
P. Sorrentino, S. Petkoski, M. Sparaco, E. Troisi Lopez, E. Signoriello, F. Baselice, S. Bonavita, M.A. Pirozzi, M. Quarantelli, G. Sorrentino, and V. Jirsa

#### BEHAVIORAL/COGNITIVE

- 8817 **Evidence of Serial Dependence from Decoding of Visual Evoked Potentials**  
Giacomo Ranieri, Alessandro Benedetto, Hao Tam Ho, David C. Burr, and Maria Concetta Morrone
- 8826 **How Does Literacy Affect Speech Processing? Not by Enhancing Cortical Responses to Speech, But by Promoting Connectivity of Acoustic-Phonetic and Graphomotor Cortices**  
Alexis Hervais-Adelman, Uttam Kumar, Ramesh K. Mishra, Vivek A. Tripathi, Anupam Guleria, Jay P. Singh, and Falk Huettig

- 8842 **Distinct Roles of Dopamine Receptor Subtypes in the Nucleus Accumbens during Itch Signal Processing**  
Tong-Yu Liang, Hua Zhou, and Yan-Gang Sun
- 8855 **Updating Contextual Sensory Expectations for Adaptive Behavior**  
Ambra Ferrari, David Richter, and Floris P. de Lange
- 8870 **Age-Related Learning and Working Memory Impairment in the Common Marmoset**  
Courtney Glavis-Bloom, Casey R. Vanderlip, and John H. Reynolds

#### NEUROBIOLOGY OF DISEASE

- 8881 **The SYNGAP1 3'UTR Variant in ALS Patients Causes Aberrant SYNGAP1 Splicing and Dendritic Spine Loss by Recruiting HNRNPK**  
Satoshi Yokoi, Takuji Ito, Kentaro Sahashi, Masahiro Nakatochi, Ryoichi Nakamura, Genki Tohnai, Yusuke Fujioka, Shinsuke Ishigaki, Tsuyoshi Udagawa, Yuishin Izumi, Mitsuya Morita, Osamu Kano, Masaya Oda, Takefumi Sone, Hideyuki Okano, Naoki Atsuta, Masahisa Katsuno, Yohei Okada, and Gen Sobue
- 8897 **Modulation of Hippocampal Network Oscillation by PICK1-Dependent Cell Surface Expression of mGlu3 Receptors**  
Pola Tuduri, Nathalie Bouquier, Benoit Girard, Enora Moutin, Maxime Thouaye, Julie Perroy, Federica Bertaso, and Jeanne Ster
- 8912 **Erratum:** The article "Task Context Modulates Feature-Selective Responses in Area V4," by Dina V. Popovkina and Anitha Pasupathy, appeared on pages 6408–6423 of the August 17, 2022 issue. An erratum for this article appears on page 8912.
- 8913 **Erratum:** The article "Layer-Specific Developmentally Precise Axon Targeting of Transient Suppressed-by-Contrast Retinal Ganglion Cells," by Nai-Wen Tien, Carmela Vitale, Tudor C. Badea, and Daniel Kerschensteiner, appeared on pages 7213–7221 of the September 21, 2022 issue. An erratum for this article appears on page 8913.

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