



Cover legend: This dark-field image shows a section of mouse hippocampus in which BiP mRNA was detected using ³³P-labeled oligonucleotide probes and signal visualized as accumulation of bright silver grains. Very strong signal is evident over the pyramidal and granule cell layers as well as over several scattered cells in the other hippocampal layers. For more information, see the article by Costas-Insua et al. (pages 7924–7941).
Cover Image: M. Teresa Vilaró.

7922 This Week in The Journal

Editorial

- 7923 **Peer Review Week 2021: Identity in Peer Review**
Marina Picciotto

Research Articles

CELLULAR/MOLECULAR

- 7924 **Identification of BiP as a CB₁ Receptor-Interacting Protein That Fine-Tunes Cannabinoid Signaling in the Mouse Brain**
Carlos Costas-Insua, Estefanía Moreno, Irene B. Maroto, Andrea Ruiz-Calvo, Raquel Bajo-Grañeras, David Martín-Gutiérrez, Rebeca Diez-Alarcia, M. Teresa Vilaró, Roser Cortés, Nuria García-Font, Ricardo Martín, Marc Espina, Joaquín Botta, Silvia Ginés, Peter J. McCormick, José Sánchez-Prieto, Ismael Galve-Roperh, Guadalupe Mengod, Leyre Urigüen, Giovanni Marsicano, Luigi Bellocchio, Enric I. Canela, Vicent Casadó, Ignacio Rodríguez-Crespo, and Manuel Guzmán
- 7942 **A Subpopulation of Microglia Generated in the Adult Mouse Brain Originates from Proliferating-1-Expressing Progenitors**
Katherine E. Prater, Macarena S. Aloï, Jasmine L. Pathan, Chloe N. Winston, Rachel A. Chernoff, Stephanie Davidson, Matthew Sadgrove, Ashley McDonough, Danielle Zierath, Wei Su, Jonathan R. Weinstein, and Gwenn A. Garden

DEVELOPMENT/PLASTICITY/REPAIR

- 7954 **Oligodendrocyte HCN2 Channels Regulate Myelin Sheath Length**
Matthew Swire, Peggy Assinck, Peter A. McNaughton, David A. Lyons, Charles French-Constant, and Matthew R. Livesey

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- 7965 **μ-Opioid Receptor (Oprm1) Copy Number Influences Nucleus Accumbens Microcircuitry and Reciprocal Social Behaviors**
Carlee Toddes, Emilia M. Lefevre, Dieter D. Brandner, Lauryn Zugschwert, and Patrick E. Rothwell
- 7978 **Spontaneous Multimodal Neural Transmission Suggests That Adult Spinal Networks Maintain an Intrinsic State of Readiness to Execute Sensorimotor Behaviors**
Maria F. Bandres, Jefferson Gomes, and Jacob G. McPherson

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- 7991 Frequency Selectivity of Persistent Cortical Oscillatory Responses to Auditory Rhythmic Stimulation**
Jacques Pesnot Lerousseau, Agnès Trébuchon, Benjamin Morillon,
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- 8007 History Modulates Early Sensory Processing of Salient Distractors**
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- 8023 Cortical Processing of Arithmetic and Simple Sentences in an Auditory Attention Task**
Joshua P. Kulasingham, Neha H. Joshi, Mohsen Rezaeizadeh,
and Jonathan Z. Simon
- 8040 VTA and Anterior Hippocampus Target Dissociable Neocortical Networks for Post-
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Emily T. Cowan, Matthew Fain, Ian O'Shea, Lauren M. Ellman,
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- 8051 Dorsolateral Striatal Task-initiation Bursts Represent Past Experiences More than
Future Action Plans**
Paul J. Cunningham, Paul S. Regier, and A. David Redish
- 8065 Role of Inferior Frontal Junction (IFJ) in the Control of Feature versus Spatial
Attention**
Sreenivasan Meyyappan, Abhijit Rajan, George R. Mangun, and Mingzhou Ding
- 8075 Anterior Cingulate Cortex Ablation Disrupts Affective Vigor and Vigilance**
Eliza Bliss-Moreau, Anthony C. Santistevan, Jeffrey Bennett, Gilda Moadab,
and David G. Amaral

NEUROBIOLOGY OF DISEASE

- 8088 C-Boutons and Their Influence on Amyotrophic Lateral Sclerosis Disease
Progression**
Tyler L. Wells, Jacob R. Myles, and Turgay Akay

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