



**Cover legend:** This image shows axonal ramifications of long-range GABAergic neurons (red) in the glomerular layer of the olfactory bulb (cyan, nuclei). These neurons extend a long smooth axon for several millimeters which branches into fine terminals containing multiple synaptic boutons. The cellular targets of these long-range axons are exclusively GABAergic neurons. For more information, see the article by Villar et al. (pages 3610–3621).  
Cover image: Pablo Villar.

## 3562 This Week in The Journal

### Research Articles

#### CELLULAR/MOLECULAR

- 3563 **Synaptophysin Regulates Fusion Pores and Exocytosis Mode in Chromaffin Cells**  
Che-Wei Chang, Yu-Tien Hsiao, and Meyer B. Jackson
- 3579 **PLC $\delta$ 1 Plays Central Roles in the Osmotic Activation of  $\Delta$ N-TRPV1 Channels in Mouse Supraoptic Neurons and in Murine Osmoregulation**  
Sung Jin Park, Kirk D. Haan, Yoshikazu Nakamura, Kiyoko Fukami, and Thomas E. Fisher
- 3588 **Photoreceptor Disc Enclosure Is Tightly Controlled by Peripherin-2 Oligomerization**  
Tylor R. Lewis, Mustafa S. Makia, Carson M. Castillo, Muayyad R. Al-Ubaidi, Muna I. Naash, and Vadim Y. Arshavsky

#### DEVELOPMENT/PLASTICITY/REPAIR

- 3597 **Coordinated Postnatal Maturation of Striatal Cholinergic Interneurons and Dopamine Release Dynamics in Mice**  
Avery F. McGuirt, Michael R. Post, Irena Pigulevskiy, David Sulzer, and Ori J. Lieberman

#### SYSTEMS/CIRCUITS

- 3610 **Long-Range GABAergic Inhibition Modulates Spatiotemporal Dynamics of the Output Neurons in the Olfactory Bulb**  
Pablo S. Villar, Ruilong Hu, and Ricardo C. Araneda
- 3622 **Human Touch Receptors Are Sensitive to Spatial Details on the Scale of Single Fingerprint Ridges**  
Ewa Jarocka, J. Andrew Pruszynski, and Roland S. Johansson
- 3635 **The Sex-Specific VC Neurons Are Mechanically Activated Motor Neurons That Facilitate Serotonin-Induced Egg Laying in *C. elegans***  
Richard J. Kopchok, III, Bhavya Ravi, Addys Bode, and Kevin M. Collins
- 3651 **Chronic Bilateral Cochlear Implant Stimulation Partially Restores Neural Binaural Sensitivity in Neonatally-Deaf Rabbits**  
Woongsang Sunwoo, Bertrand Delgutte, and Yoojin Chung
- 3665 **Cortex-Wide Dynamics of Intrinsic Electrical Activities: Propagating Waves and Their Interactions**  
Yuqi Liang, Chenchen Song, Mianxin Liu, Pulin Gong, Changsong Zhou, and Thomas Knöpfel

## BEHAVIORAL/COGNITIVE

- 3679 **Both Default and Multiple-Demand Regions Represent Semantic Goal Information**  
Xiuyi Wang, Zhiyao Gao, Jonathan Smallwood, and Elizabeth Jefferies
- 3692 **Automatic and Fast Encoding of Representational Uncertainty Underlies the Distortion of Relative Frequency**  
Xiangjuan Ren, Huan Luo, and Hang Zhang
- 3707 **Dorsal Anterior Cingulate Cortex Encodes the Integrated Incentive Motivational Value of Cognitive Task Performance**  
Debbie M. Yee, Jennifer L. Crawford, Bidhan Lamichhane, and Todd S. Braver
- 3721 **Linking Amygdala Persistence to Real-World Emotional Experience and Psychological Well-Being**  
Nikki A. Puccetti, Stacey M. Schaefer, Carien M. van Reekum, Anthony D. Ong, David M. Almeida, Carol D. Ryff, Richard J. Davidson, and Aaron S. Heller

## NEUROBIOLOGY OF DISEASE

- 3731 **REST Protects Dopaminergic Neurons from Mitochondrial and  $\alpha$ -Synuclein Oligomer Pathology in an Alpha Synuclein Overexpressing BAC-Transgenic Mouse Model**  
Brent J. Ryan, Nora Bengoa-Vergniory, Matthew Williamson, Ecem Kirkiz, Rosalind Roberts, Gabriele Corda, Maximilian Sloan, Saba Saqlain, Marta Cherubini, Josse Poppinga, Helle Bogtofte, Milena Cioroch, Svenja Hester, and Richard Wade-Martins
- 3747 **Erratum:** The article "Suppression of Presynaptic Glutamate Release by Postsynaptic Metabotropic NMDA Receptor Signalling to Pannexin-1," by Jennifer Bialecki, Allison Werner, Nicholas L. Weiling, Catharine M. Tucker, Haley A. Vecchiarelli, Jon Egaña, Juan Mendizabal-Zubiaga, Pedro Grandes, Matthew N. Hill, and Roger J. Thompson, appeared on pages 729–742 of the January 22, 2020 issue. An erratum for this article appears on page 3747.

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