



**Cover legend:** This image shows a cross-section of the cochlea within the inner ear of a reporter mouse. P2×7 receptor-expressing satellite glial cells and Schwann cells are labelled with GFP (green) and spiral ganglion neurons are immunolabeled for βIII-tubulin (magenta). See the article by Prades et al. for more information (pages 2615–2629). Cover image: Silvia Prades.

## 2540 This Week in The Journal

### Dual Perspectives

- 2541 Evidences for Adult Hippocampal Neurogenesis in Humans**  
Elena P. Moreno-Jiménez, Julia Terreros-Roncal, Miguel Flor-García, Alberto Rábano, and María Llorens-Martín
- 2554 Positive Controls in Adults and Children Support That Very Few, If Any, New Neurons Are Born in the Adult Human Hippocampus**  
Shawn F. Sorrells, Mercedes F. Paredes, Zhuangzhi Zhang, Gugene Kang, Oier Pastor-Alonso, Sean Biagiotti, Chloe E. Page, Kadellyn Sandoval, Anthony Knox, Andrew Connolly, Eric J. Huang, Jose Manuel Garcia-Verdugo, Michael C. Oldham, Zhengang Yang, and Arturo Alvarez-Buylla

### Research Articles

#### CELLULAR/MOLECULAR

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- 2581 Neurochemically and Hodologically Distinct Ascending VGLUT3 versus Serotonin Subsystems Comprise the r2-*Pet1* Median Raphe**  
Rebecca A. Senft, Morgan E. Freret, Nikita Sturrock, and Susan M. Dymecki
- 2601 Distinct Transcriptomic Profiles in the Dorsal Hippocampus and Prelimbic Cortex Are Transiently Regulated following Episodic Learning**  
Aaron Katzman, Alireza Khodadadi-Jamayran, Dana Kapeller-Libermann, Xiaojing Ye, Aristotelis Tsirigos, Adriana Heguy, and Cristina M. Alberini
- 2615 Functional P2X<sub>7</sub> Receptors in the Auditory Nerve of Hearing Rodents Localize Exclusively to Peripheral Glia**  
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## DEVELOPMENT/PLASTICITY/REPAIR

- 2630 Intrinsic Neuronal Activity during Migration Controls the Recruitment of Specific Interneuron Subtypes in the Postnatal Mouse Olfactory Bulb**  
Stéphane Bugeon, Clara Haubold, Alexandre Ryzynski, Harold Cremer, and Jean-Claude Platel

## SYSTEMS/CIRCUITS

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- 2656 Visual Familiarity Induced 5-Hz Oscillations and Improved Orientation and Direction Selectivities in V1**  
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- 2668 Abnormal Cortico-Basal Ganglia Neurotransmission in a Mouse Model of L-DOPA-Induced Dyskinesia**  
Indriani Dwi Wahyu, Satomi Chiken, Taku Hasegawa, Hiromi Sano, and Atsushi Nambu

## BEHAVIORAL/COGNITIVE

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- 2713 MEG Intersubject Phase Locking of Stimulus-Driven Activity during Naturalistic Speech Listening Correlates with Musical Training**  
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## NEUROBIOLOGY OF DISEASE

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Nozomi Asaoka, Masakazu Ibi, Hikari Hatakama, Koki Nagaoka, Kazumi Iwata, Misaki Matsumoto, Masato Katsuyama, Shuji Kaneko, and Chihiro Yabe-Nishimura

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