



Cover legend: This image shows inhibitory neurons of the primate hippocampus (center) stained for parvalbumin (green) or calretinin (red), flanked by adjacent sections stained for Nissl (top) or acetylcholinesterase (to show cholinergic innervation, bottom). For more information, see the article by Wang and Barbas. (pages 10019–10041).

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Research Articles

CELLULAR/MOLECULAR

- 10220** **Deficiency of AMPAR–Palmitoylation Aggravates Seizure Susceptibility**
Masayuki Itoh, Mariko Yamashita, Masaki Kaneko, Hiroyuki Okuno, Manabu Abe, Maya Yamazaki, Rie Natsume, Daisuke Yamada, Toshie Kaizuka, Reiko Suwa, Kenji Sakimura, Masayuki Sekiguchi, Keiji Wada, Mikio Hoshino, Masayoshi Mishina, and Takashi Hayashi

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- 10102** **Aggrecan Directs Extracellular Matrix-Mediated Neuronal Plasticity**
Daire Rowlands, Kristian K. Lensjø, Tovy Dinh, Sujeong Yang, Melissa R. Andrews, Torkel Hafting, Marianne Fyhn, James W. Fawcett, and Gunnar Dick

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- 10019** **Specificity of Primate Amygdalar Pathways to Hippocampus**
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- 10080** **Sleep and Wakefulness Are Controlled by Ventral Medial Midbrain/Pons GABAergic Neurons in Mice**
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- 10129** **Temporal Contingencies Determine Whether Adaptation Strengthens or Weakens Normalization**
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- 10143** **Visual Evidence Accumulation Guides Decision-Making in Unrestrained Mice**
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- 10156** **Instantaneous Midbrain Control of Saccade Velocity**
Ivan Smalianchuk, Uday K. Jagadisan, and Neeraj J. Gandhi
- 10202** **A Multicomponent Neuronal Response Encodes the Larval Decision to Pupariate upon Amino Acid Starvation**
Siddharth Jayakumar, Shlesha Richhariya, Bipan Kumar Deb, and Gaiti Hasan

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- 10042** **Unilateral, 3D Arm Movement Kinematics Are Encoded in Ipsilateral Human Cortex**
David T. Bundy, Nicholas Szrama, Mrinal Pahwa, and Eric C. Leuthardt

- 10057 **The Hippocampal Film Editor: Sensitivity and Specificity to Event Boundaries in Continuous Experience**
Aya Ben-Yakov and Richard N. Henson
- 10069 **Nonlinear Lateral Interactions in V1 Population Responses Explained by a Contrast Gain Control Model**
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- 10093 **Abstract Representation of Prospective Reward in the Hippocampus**
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- 10114 **Observing Action Sequences Elicits Sequence-Specific Neural Representations in Frontoparietal Brain Regions**
Dace Apšvalka, Emily S. Cross, and Richard Ramsey

NEUROBIOLOGY OF DISEASE

- 10168 ***In Vivo* Expansion of Regulatory T Cells with IL-2/IL-2 Antibody Complex Protects against Transient Ischemic Stroke**
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- 10180 **Insensitivity to Pain upon Adult-Onset Deletion of Nav1.7 or Its Blockade with Selective Inhibitors**
Shannon D. Shields, Lunbin Deng, Rebecca M. Reese, Michelle Dourado, Janet Tao, Oded Foreman, Jae H. Chang, and David H. Hackos
- 10236 ***Erratum:*** The article “14-3-3 Proteins Reduce Cell-to-Cell Transfer and Propagation of Pathogenic α -Synuclein” by Bing Wang, Rachel Underwood, Anjali Kamath, Colleen Britain, Michael B. McFerrin, Pamela J. McLean, Laura A. Volpicelli-Daley, Robert H. Whitaker, William J. Placzek, Katelyn Becker, Jiyang Ma and Talene A. Yacoubian, appeared on pages 8211–8232 of the September 19, 2018 issue. An erratum for this article appears on pp. 10236–10237.

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