Research Articles

CELLULAR/MOLECULAR

4415 Dynemin Is Required for Rab7-Dependent Endosome Maturation, Retrograde Dendritic Transport, and Degradation
Chan Choo Yap, Laura Digilio, Lloyd P. McMahon, Tuanlao Wang, and Bettina Winckler

DEVELOPMENT/PLASTICITY/REPAIR

4435 Identification of a Developmental Switch in Information Transfer between Whisker S1 and S2 Cortex in Mice
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4449 Visual Stimulation Induces Distinct Forms of Sensitization of On-Off Direction-Selective Ganglion Cell Responses in the Dorsal and Ventral Retina
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4470 Biophysical and Architectural Mechanisms of Subthalamic Theta under Response Conflict
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4488 Sex Differences in the Activity of Basolateral Amygdalar Neurons That Project to the Bed Nucleus of the Stria Terminalis and Their Role in Anticipatory Anxiety
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4505 Aged Rats Exhibit Altered Behavior-Induced Oscillatory Activity, Place Cell Firing Rates, and Spatial Information Content in the CA1 Region of the Hippocampus
Lindsey M. Crown, Daniel T. Gray, Lesley A. Schimanski, Carol A. Barnes, and Stephen L. Cowen

4517 Human Spindle Variability
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4538 In Vivo Multi-Day Calcium Imaging of CA1 Hippocampus in Freely Moving Rats Reveals a High Preponderance of Place Cells with Consistent Place Fields
Hannah S. Wirtshafter and John F. Disterhoft
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4555 Evidence for the Normalization Effects of Medication for Opioid Use Disorder on Functional Connectivity in Neonates with Prenatal Opioid Exposure
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4567 Perceptual Uncertainty Alternates Top-down and Bottom-up Fronto-Temporal Network Signaling during Response Inhibition
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4580 Sound Localization of World and Head-Centered Space in Ferrets
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NEUROBIOLOGY OF DISEASE

4594 CREB Inactivation by HDAC1/PP1γ Contributes to Dopaminergic Neurodegeneration in Parkinson’s Disease
Xiaoyi Xu (许潇依), Xin He (何鑫), Zeyan Zhang (张泽彦), Yanyi Chen (陈彦伊), Junyu Li (黎俊宇), Shanshan Ma (马珊珊), Qiaoying Huang (黄巧莹), and Mingtao Li (黎明涛)

4605 Erratum: The article "Temporal Signatures of Criticality in Human Cortical Excitability as Probed by Early Somatosensory Responses" by Tilman Stephani, Gunnar Waterstraat, Stefan Haufe, Gabriel Curio, Arno Villringer, and Vadim V. Nikulin, appeared on pages 6572–6583 of the August 19, 2020 issue. An erratum for this article appears on page 4605.

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