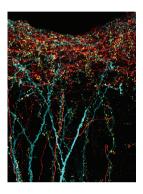
January 25, 2023 • Volume 43 Number 4 • www.jneurosci.org



Cover legend: Superficial layers of mouse primary somatosensory cortex showing apical dendrites of L5 pyramidal neurons labeled with a cyan fluorescent protein (CFP)-cell fill, and excitatory post-synaptic sites marked by PSD95.FingR-Citrine (yellow). Higherorder thalamic (posterior medial nucleus, POm) axons innervating L1 are labeled with tdTomato (red) to enable digital detection of thalamocortical synapses onto L5 dendrites. For more information, see the article by Ray et al. (pages 584–600).

Cover image: Aitt Ray.

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 540 mTORC2 Loss in Oligodendrocyte Progenitor Cells Results in Regional Hypomyelination in the Central Nervous System
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559 Spatiotemporal Developmental Gradient of Thalamic Morphology, Microstructure, and Connectivity from the Third Trimester to Early Infancy Weihao Zheng, Leilei Zhao, Zhiyong Zhao, Tingting Liu, Bin Hu, and Dan Wu

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- 584 Quantitative Fluorescence Analysis Reveals Dendrite-Specific Thalamocortical Plasticity in L5 Pyramidal Neurons during Learning Ajit Ray, Joseph A. Christian, Matthew B. Mosso, Eunsol Park, Waja Wegner, Katrin I. Willig, and Alison L. Barth
- 601 Expression of a Form of Cerebellar Motor Memory Requires Learned Alterations to the Activity of Inhibitory Molecular Layer Interneurons

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- Multisession Anodal Transcranial Direct Current Stimulation Enhances Adult Hippocampal Neurogenesis and Context Discrimination in Mice Ting-Hsuan Yu, Yi-Jen Wu, Miao-Er Chien, and Kuei-Sen Hsu
- 647 Prelimbic Cortex Activity during a Distress Tolerance Task Predicts Cocaine-Seeking Behavior in Male, But Not Female Rats Travis M. Moschak, T. Joseph Sloand, and Regina M. Carelli
- 656 Irrelevant Threats Linger and Affect Behavior in High Anxiety Kristoffer C. Aberg, Ido Toren, and Rony Paz

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