Cover legend: Cultured hippocampal neurons from transgenic mice expressing α-synuclein, a presynaptic protein, tagged with green fluorescent protein. Neurons were stained with MAP-2 (blue) and tau (red) to highlight somatodendritic and axonal compartments, respectively. For more information, see the article by Scott and Roy (pages 10129–10135).
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Optogenetic Activation of Basal Forebrain Cholinergic Neurons Modulates Neuronal Excitability and Sensory Responses in the Main Olfactory Bulb
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Simultaneous Glucocorticoid and Noradrenergic Activity Disrupts the Neural Basis of Goal-Directed Action in the Human Brain
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Pan-Neuronal Expression of APL-1, an APP-Related Protein, Disrupts Olfactory, Gustatory, and Touch Plasticity in Caenorhabditis elegans
Collin Y. Ewald, Ruby Cheng, Lana Tolen, Vishal Shah, Aneela Gillani, Afzana Nasrin, and Chris Li

Balanced Increases in Selectivity and Tolerance Produce Constant Sparseness along the Ventral Visual Stream
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Intrinsic Organization of the Anesthetized Brain
Zhifeng Liang, Jean King, and Nanyin Zhang
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