



Cover legend: This image shows neuroLucida reconstructions of layer 5 pyramidal neurons in the anterior cingulate cortex. The apical dendrite of these cells is characterized by efficient low-pass dendro-somatic coupling which may allow them to achieve efficient integration of subthreshold distal synaptic inputs. For more information, see the article by Marti Mengual, Wybo et al. (pages 8799–8815). Cover image: Natalie Elisabeth Nevian (University of Bern, Bern, Switzerland).

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- 8782 **Linking Social Cognition to Learning and Memory**
Heloise Leblanc and Steve Ramirez

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- 8799 **Efficient Low-Pass Dendro-Somatic Coupling in the Apical Dendrite of Layer 5 Pyramidal Neurons in the Anterior Cingulate Cortex**
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- 8816 **The Neurokinin-1 Receptor is Expressed with Gastrin-Releasing Peptide Receptor in Spinal Interneurons and Modulates Itch**
Taylor D. Sheahan, Charles A. Warwick, Louis G. Fanién, and Sarah E. Ross

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- 8831 **Distinct Corticospinal and Reticulospinal Contributions to Voluntary Control of Elbow Flexor and Extensor Muscles in Humans with Tetraplegia**
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- 8853 **Dissecting the Role of GABA Neurons in the VTA versus SNr in Opioid Reward**
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- 8870 **The Insula Cortex Contacts Distinct Output Streams of the Central Amygdala**
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- 8883 **Disparity Sensitivity and Binocular Integration in Mouse Visual Cortex Areas**
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- 8900 **Rapid Eye Movement Sleep Sawtooth Waves Are Associated with Widespread Cortical Activations**
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8913 Auditory and Visual System White Matter Is Differentially Impacted by Normative Aging in Macaques

Daniel T. Gray, Nicole M. De La Peña, Lavanya Umapathy, Sara N. Burke, James R. Engle, Theodore P. Trouard, and Carol A. Barnes

8924 Multivariate Lesion-Behavior Mapping of General Cognitive Ability and Its Psychometric Constituents

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8938 Retrospective Valuation of Experienced Outcome Encoded in Distinct Reward Representations in the Anterior Insula and Amygdala

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8951 Neurons of the Ventral Tegmental Area Encode Individual Differences in Motivational “Wanting” for Reward Cues

Lindsay M. Ferguson, Allison M. Ahrens, Lauren G. Longyear, and J. Wayne Aldridge

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8964 Entraining Stepping Movements of Parkinson’s Patients to Alternating Subthalamic Nucleus Deep Brain Stimulation

Petra Fischer, Shenghong He, Alexis de Roquemaurel, Harith Akram, Thomas Foltynie, Patricia Limousin, Ludvic Zrinzo, Jonathan Hyam, Hayriye Cagnan, Peter Brown, and Huiling Tan

8973 *Erratum:* The article “Involvement of TRPC Channels in CCL2-Mediated Neuroprotection against Tat Toxicity” by Honghong Yao, Fuwang Peng, Navneet Dhillon, Shannon Callen, Sirosch Bokhari, Lisa Stehno-Bittel, S. Omar Ahmad, John Q. Wang, and Shilpa Buch, appeared on pages 1657–1669 of the February 11, 2009 issue. An erratum for this article appear on page 8973.

8974 *Erratum:* The article “Cocaine Hijacks $\alpha 1$ Receptor to Initiate Induction of Activated Leukocyte Cell Adhesion Molecule: Implication for Increased Monocyte Adhesion and Migration in the CNS” by Honghong Yao, Keejun Kim, Ming Duan, Teruo Hayashi, Minglei Guo, Susan Morgello, Alexander Prat, John Wang, Tsung-Ping Su, and Shilpa Buch, which appeared on pages 5942–5955 of the April 20, 2011 issue. An erratum for this article appear on page 8974.

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