Immunofluorescence labeling of the cerebellar cortex of adult Plexin-B2-deficient mice with antibodies against parvalbumin (red) and calbindin (green). In the mutant, the layering of the cerebellar cortex is disorganized and ectopic islands of Purkinje cells (yellow) are embedded in the granule cell layer (labeled in blue using Hoechst staining). However, molecular layer interneurons (red) are still found near Purkinje cell dendrites. For more information, see the article by Friedel et al. in this issue (pages 3921–3932).
Both Doublecortin and Doublecortin-Like Kinase Play a Role in Cortical Interneuron Migration
Gaelle Friocourt, Judy S. Liu, Mary Antypa, Sonja Rakic, Christopher A. Walsh, and John G. Parnavelas

Rac1 Controls the Formation of Midline Commisures and the Competency of Tangential Migration in Ventr al Telencephalic Neurons
Lei Chen, Guanghong Liao, Ronald R. Waclaw, Kevin A. Burns, Diana Linquist, Kenneth Campbell, Yi Zheng, and Chia-Yi Kuan

DEVELOPMENT/PLASTICITY/REPAIR

Removal of GABA within Adult Modulatory Systems Alters Electrical Coupling and Allows Expression of an Embryonic-Like Network
Eric Ducret, Yves Le Feuvre, Pierre Meyrand, and Valerie S.フェネロン

Mice Lacking Protease Nexin-1 Show Delayed Structural and Functional Recovery after Sciatic Nerve Crush
Maria Maddalena Lino, Suzana Atanasoski, Mirna Kvojo, Berenger Fayard, Eliza Moreno, Hans Rudolf Brenner, Ueli Suter, and Denis Monard

Prenatal Exposure to Elevated NT3 Disrupts Synaptic Selectivity in the Spinal Cord
Zhi Wang, Ling Ying Li, Michael D. Taylor, Douglas E. Wright, and Eric Frank

Telomere Protection Mechanisms Change during Neurogenesis and Neuronal Maturation: Newly Generated Neurons Are Hypersensitive to Telomere and DNA Damage
Aiwu Cheng, Kazuo Shin-ya, Ruiqian Wan, Sung-chun Tang, Takumi Miura, Hongyang Tang, Rina Khatri, Marc Gleichman, Xin Ouyang, Dong Liu Hae-Rong Park, Jeffrey Y. Chiang, and Mark P. Mattson

The Doublecortin-Expressing Population in the Developing and Adult Brain Contains Multipotential Precursors in Addition to Neuronal-Lineage Cells
Tara L. Walker, Takahiro Yasuda, David J. Adams, and Perry F. Bartlett

Dopamine Receptor Activation Modulates GABA Neuron Migration from the Basal Forebrain to the Cerebral Cortex
James E. Crandall, Deirdre M. McCarthy, Kiyomi Y. Araki, John R. Sims, Jia-Qian Ren, and Pradeep G. Bhide

 Ipsilateral Whiskers Suppress Experience-Dependent Plasticity in the Barrel Cortex
Stanislaw Glazewski, Brett L. Benedetti, and Alison L. Barth

Plexin-B2 Controls the Development of Cerebellar Granule Cells
Roland H. Friedel, Geraldine Kerjan, Helen Rayburn, Ulrich Schuller, Constantino Sotelo, Marc Tessier-Lavigne, and Alain Chedotal

BEHAVIORAL/SYSTEMS/COGNITIVE

Specific Alterations of Extracellular Endocannabinoid Levels in the Nucleus Accumbens by Ethanol, Heroin, and Cocaine Self-Administration
Stephanie Caille, Lily Alvarez-Jaimes, Ilham Polis, David G. Stouffer, and Loren H. Parsons

Triangulating a Cognitive Control Network Using Diffusion-Weighted Magnetic Resonance Imaging (MRI) and Functional MRI
Adam R. Aron, Tim E. Behrens, Steve Smith, Michael J. Frank, and Russell A. Poldrack

Microstimulation of the Midbrain Tegmentum Creates Learning Signals for Saccade Adaptation
Yoshiko Kojima, Kaoru Yoshida, and Yoshiki Iwamoto
Selective Retrieval of Abstract Semantic Knowledge in Left Prefrontal Cortex
Robert F. Goldberg, Charles A. Perfetti, Julie A. Fiez, and Walter Schneider

Broca’s Area Supports Enhanced Visuospatial Cognition in Orchestral Musicians
Vanessa Sluming, Jonathan Brooks, Matthew Howard, John Joseph Downes, and Neil Roberts

Timing-Dependent Modulation of Associative Plasticity by General Network Excitability in the Human Motor Cortex
Michael A. Nitsche, Amelie Roth, Min-Fang Kuo, Anja K. Fischer, David Liebetanz, Nicolas Lang, Frithjof Tergau, and Walter Paulus

Brain Oscillations Control Timing of Single-Neuron Activity in Humans
Joshua Jacobs, Michael J. Kahana, Arne D. Ekstrom, and Itzhak Fried

GABAergic Control of Adult Hippocampal Neurogenesis in Relation to Behavior Indicative of Trait Anxiety and Depression States
John C. Earnheart, Claude Schweizer, Florence Crestani, Takuji Iwasato, Shigeyoshi Itohara, Hanns Mohler, and Bernhard Lüscher

The Cortical Representation of Objects Rotating in Depth
Sarah Weigelt, Zoe Kourtzi, Axel Kohler, Wolf Singer, and Lars Muckli

Choice of Contact Points during Multidigit Grasping: Effect of Predictability of Object Center of Mass Location
Jamie Lukos, Caterina Ansuini, and Marco Santello

NEUROBIOLOGY OF DISEASE

Ketogenic Diet Metabolites Reduce Firing in Central Neurons by Opening KATP Channels
Weiyuan Ma, Jim Berg, and Gary Yellen

β-Site Amyloid Precursor Protein Cleaving Enzyme 1 Levels Become Elevated in Neurons around Amyloid Plaques: Implications for Alzheimer’s Disease Pathogenesis
Jie Zhao, Yifan Fu, Marina Yasvoina, Peizhen Shao, Brian Hitt, Tracy O’Connor, Sreemathi Logan, Erika Maus, Martin Citron, Robert Berry, Lester Binder, and Robert Vassar

Accumulation of Pathological Tau Species and Memory Loss in a Conditional Model of Tauopathy
Zdenek Berger, Hanno Roder, Amanda Hanna, Aaron Carlson, Vijayaraghavan Rangachari, Mei Yue, Zbigniew Wszolek, Karen Ashe, Joshua Knight, Dennis Dickson, Cathy Andorfer, Terrone L. Rosenberry, Jada Lewis, Mike Hutton, and Christopher Janus

HIV-1 Vpr Causes Neuronal Apoptosis and In Vivo Neurodegeneration
Gareth J. Jones, Nicola L. Barsby, Eric A. Cohen, Janet Holden, Kim Harris, Peter Dickie, Jack Jhamandas, and Christopher Power

Pyrrolidine Dithiocarbamate Activates Akt and Improves Spatial Learning in APP/PS1 Mice without Affecting β-Amyloid Burden
Tarja M. Malm, Henna Iivonen, Gundars Goldsteins, Velta Keksa-Goldsteine, Toni Ahtoniemi, Katja Kanninen, Antero Salminen, Seppo Auriola, Thomas Van Groen, Heikki Tanila, and Jari Koistinaho
Erratum: In the article "Perceptual Functions of Perirhinal Cortex in Rats: Zero-Delay Object Recognition and Simultaneous Oddity Discriminations," by Susan J. Bartko, Boyer D. Winters, Rosemary A. Cowell, Lisa M. Saksida, and Timothy J. Bussey, which appeared on pages 2548–2559 of the March 7, 2007 issue, Figure 6 was a duplicate of Figure 3. The correct Figure 6 is printed in this issue.

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