



Cover legend: This image shows a mouse forebrain at embryonic day 18.5. Post-mitotic neurons of the cortex are labelled with an antibody against Tbr1 (red). Cells of the *Zic4*-lineage are labelled with GFP (green), this includes the septum found below the corpus callosum and the induseum griseum found above. DAPI (blue) labels all nuclei. For more information, see the article by Clegg et al. (pages 1386–1404).

1333 This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

1334 Loss of Adult 5-HT1A Autoreceptors Results in a Paradoxical Anxiogenic Response to Antidepressant Treatment

Valérie Turcotte-Cardin, Faranak Vahid-Ansari, Christine Luckhart, Mireille Daigle, Sean D. Geddes, Kenji F. Tanaka, René Hen, Jonathan James, Zul Merali, Jean-Claude Béïque, and Paul R. Albert

1347 ARL13B, a Joubert Syndrome-Associated Protein, Is Critical for Retinogenesis and Elaboration of Mouse Photoreceptor Outer Segments

Tanya L. Dilan, Abigail R. Moye, Ezequiel M. Salido, Thamaraiselvi Saravanan, Saravanan Kolandaivelu, Andrew F.X. Goldberg, and Visvanathan Ramamurthy

DEVELOPMENT/PLASTICITY/REPAIR

1365 Longitudinally Mapping Childhood Socioeconomic Status Associations with Cortical and Subcortical Morphology

Cassidy L. McDermott, Jakob Seidlitz, Ajay Nadig, Siyuan Liu, Liv S. Clasen, Jonathan D. Blumenthal, Paul Kirkpatrick Reardon, François Lalonde, Deanna Greenstein, Raihaan Patel, M. Mallar Chakravarty, Jason P. Lerch, and Armin Raznahan

1374 Cross-Modal Competition: The Default Computation for Multisensory Processing

Liping Yu, Cristiano Cuppini, Jinghong Xu, Benjamin A. Rowland, and Barry E. Stein

1386 Heparan Sulfate Sulfation by Hs2st Restricts Astroglial Precursor Somal Translocation in Developing Mouse Forebrain by a Non-Cell-Autonomous Mechanism

James M. Clegg, Hannah M. Parkin, John O. Mason, and Thomas Pratt

SYSTEMS/CIRCUITS

1405 Prefrontal–Bed Nucleus Circuit Modulation of a Passive Coping Response Set

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1420 Frequency Shifts and Depth Dependence of Premotor Beta Band Activity during Perceptual Decision-Making

Chandramouli Chandrasekaran, Iliana E. Bray, and Krishna V. Shenoy

BEHAVIORAL/COGNITIVE

- 1436 **Changes in Endogenous Dopamine Induced by Methylphenidate Predict Functional Connectivity in Nonhuman Primates**
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- 1445 **Emotionally Aversive Cues Suppress Neural Systems Underlying Optimal Learning in Socially Anxious Individuals**
Payam Piray, Verena Ly, Karin Roelofs, Roshan Cools, and Ivan Toni
- 1457 **Active Zone Proteins RIM1 $\alpha\beta$ Are Required for Normal Corticostriatal Transmission and Action Control**
David A. Kupferschmidt, Shana M. Augustin, Kari A. Johnson, and David M. Lovinger
- 1471 **Sequential Control Underlies Robust Ramping Dynamics in the Rostrolateral Prefrontal Cortex**
Theresa M. Desrochers, Anne G.E. Collins, and David Badre

NEUROBIOLOGY OF DISEASE

- 1484 **Activation of 5-HT1A Receptors Promotes Retinal Ganglion Cell Function by Inhibiting the cAMP-PKA Pathway to Modulate Presynaptic GABA Release in Chronic Glaucoma**
Xujiao Zhou, Rong Zhang, Shenghai Zhang, Jihong Wu, and Xinghuai Sun
- 1505 **Degeneration of ipRGCs in Mouse Models of Huntington's Disease Disrupts Non-Image-Forming Behaviors Before Motor Impairment**
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- 1525 **Aberrant Somatosensory Processing and Connectivity in Mice Lacking *Engrailed-2***
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- 1539 **Increased Resurgent Sodium Currents in Nav1.8 Contribute to Nociceptive Sensory Neuron Hyperexcitability Associated with Peripheral Neuropathies**
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