



Cover legend: This image shows expression levels of protein kinase C γ (PKC γ , green) in cerebellar Purkinje cells (labeled with the GABA-synthesizing protein GAD67, red) in a postnatal day 60 mouse. 3-Phosphoinositide-dependent protein kinase-1 is required to maintain PKC γ expression and dendritic arbors in Purkinje cells. For more information, see the article by Liu, Xu et al. (pages 5531–5548).

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- 5512 **Stress-Induced Increases in Locus Coeruleus Norepinephrine Underlie Extinction Learning Deficits**
Ellen Rodberg
- 5515 **Mediodorsal Thalamus and Prefrontal Cortex: Specialized Partners in Cognitive Control**
Brielle Ferguson and Kristen Delevich

Research Articles

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- 5518 **Differential Coassembly of $\alpha 1$ -GABA $_A$ Rs Associated with Epileptic Encephalopathy**
Saad Hannan, Aida H.B. Affandi, Marielle Minere, Charlotte Jones, Pollyanna Goh, Gary Warnes, Bernt Popp, Regina Trollmann, Dean Nizetic, and Trevor G. Smart

DEVELOPMENT/PLASTICITY/REPAIR

- 5531 **PDK1 Regulates the Maintenance of Cell Body and the Development of Dendrites of Purkinje Cells by pS6 and PKC γ**
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- 5549 **Glomerulus-Selective Regulation of a Critical Period for Interneuron Plasticity in the *Drosophila* Antennal Lobe**
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- 5572 **Dynamical Mechanisms of Interictal Resting-State Functional Connectivity in Epilepsy**
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- 5589 **Integrity of Corpus Callosum Is Essential for the Cross-Hemispheric Propagation of Sleep Slow Waves: A High-Density EEG Study in Split-Brain Patients**
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Laura Sophie Imperatori, Simona Lattanzi, Brady A. Riedner, Pietro Pietrini,
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- 5616 **Self-Other Representation in the Social Brain Reflects Social Connection**
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- 5658 **Ketamine Affects Prediction Errors about Statistical Regularities: A Computational Single-Trial Analysis of the Mismatch Negativity**
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- 5669 **The Rostral Agranular Insular Cortex, a New Site of Oxytocin to Induce Antinociception**
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NEUROBIOLOGY OF DISEASE

- 5681 **Acute Inflammation Alters Brain Energy Metabolism in Mice and Humans: Role in Suppressed Spontaneous Activity, Impaired Cognition, and Delirium**
John Kealy, Carol Murray, Eadaoin W. Griffin, Ana Belen Lopez-Rodriguez,
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and Colm Cunningham

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