



**Cover legend:** This image shows a section of somatosensory cortex from an aged mouse 7 days after a diffuse traumatic brain injury. Reactive morphological restructuring of microglia (magenta) and astrocytes (cyan) is greater in these mice than in younger mice subjected to the same brain injury. For more information, see the article by Wangler, Bray et al. (pages 9082–9096).  
Cover image: Lynde Wangler.

## 8914 This Week in The Journal

### Journal Club

#### 8915 Uncovering the Hippocampal Mechanisms Underpinning Spatial Learning and Flexible Navigation

Nils Nyberg and Christoffer Gahnstrom

### Research Articles

#### CELLULAR/MOLECULAR

#### 8918 HDAC2 in Primary Sensory Neurons Constitutively Restrains Chronic Pain by Repressing $\alpha 2\delta$ -1 Expression and Associated NMDA Receptor Activity

Jixiang Zhang (张吉祥), Shao-Rui Chen (陈少瑞), Meng-Hua Zhou (周孟华), Daozhong Jin (金道忠), Hong Chen (陈红), Li Wang (王力), Ronald A. DePinho, and Hui-Lin Pan (潘惠麟)

#### 8936 Neurexin- $\beta$ Mediates the Synaptogenic Activity of Amyloid Precursor Protein

Vedrana Cvetkovska, Yuan Ge, Qin Xu, Shaokun Li, Peng Zhang, and Ann Marie Craig

#### DEVELOPMENT/PLASTICITY/REPAIR

#### 8948 Vulnerability of the Neonatal Connectome following Postnatal Stress

Femke Lammertink, Manon J.N.L. Benders, Erno J. Hermans, Maria L. Tataranno, Jeroen Dudink, Christiaan H. Vinkers, and Martijn P. van den Heuvel

#### SYSTEMS/CIRCUITS

#### 8960 Object Boundary Detection in Natural Images May Depend on “Incitatory” Cell–Cell Interactions

Gabriel C. Mel, Chaithanya A. Ramachandra, and Bartlett W. Mel

#### 8980 Weakly Correlated Local Cortical State Switches under Anesthesia Lead to Strongly Correlated Global States

Ethan B. Blackwood, Brenna P. Shortal, and Alex Proekt

#### 8997 Corticotropin Releasing Factor (CRF) Coexpression in GABAergic, Glutamatergic, and GABA/Glutamatergic Subpopulations in the Central Extended Amygdala and Ventral Pallidum of Young Male Primates

Julie L. Fudge, Emily A. Kelly, and Troy A. Hackett

## BEHAVIORAL/COGNITIVE

- 9011 Interdigitated Columnar Representation of Personal Space and Visual Space in Human Parietal Cortex**  
Roger B.H. Tootell, Zahra Nasiriavanaki, Baktash Babadi, Douglas N. Greve, Shahin Nasr, and Daphne J. Holt
- 9030 A Common Neural Account for Social and Nonsocial Decisions**  
Desislava H. Arabadzhiyska, Oliver G.B. Garrod, Elsa Fouragnan, Emanuele De Luca, Philippe G. Schyns, and Marios G. Philiastides
- 9045 Maladaptive Laterality in Cortical Networks Related to Social Communication in Autism Spectrum Disorder**  
Andrew S. Persichetti, Jiayu Shao, Stephen J. Gotts, and Alex Martin
- 9053 Temporal Dynamics of Competition between Statistical Learning and Episodic Memory in Intracranial Recordings of Human Visual Cortex**  
Brynn E. Sherman, Kathryn N. Graves, David M. Huberdeau, Imran H. Quraishi, Eyiyeemisi C. Damisah, and Nicholas B. Turk-Browne
- 9069 Abstract Encoding of Categorical Decisions in Medial Superior Temporal and Lateral Intraparietal Cortices**  
Yang Zhou, Krithika Mohan, and David J. Freedman

## NEUROBIOLOGY OF DISEASE

- 9082 Amplified Gliosis and Interferon-Associated Inflammation in the Aging Brain following Diffuse Traumatic Brain Injury**  
Lynde M. Wangler, Chelsea E. Bray, Jonathan M. Packer, Zoe M. Tapp, Amara C. Davis, Shane M. O'Neil, Kara Baetz, Michelle Ouviaña, Mollie Witzel, and Jonathan P. Godbout

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