



**Cover legend:** Anterior cingulate axons (blue) in subgenual cingulate cortex form synapses with excitatory (green) and inhibitory neurons (pink, cell soma; orange, aspiny dendrite). Dense synapses seen at high resolution suggest the anterior cingulate has a powerful impact on subgenual cingulate for the regulation of emotions. The image is a 3D reconstruction from high-throughput electron microscopy using 200 serial sections spanning 10  $\mu\text{m}$ . For more information, see the article by Joyce et al. (pages 8306–8328). Cover Image: Jess Holz (artist).

## 8207 This Week in The Journal

### Journal Club

- 8208 A Piriform-Orbitofrontal Cortex Pathway Drives Relapse to Fentanyl-Seeking after Voluntary Abstinence**  
Nicholas A. Everett and Sarah J. Baracz
- 8211 Does Delayed Microglial Ablation Alter Outcomes after Traumatic Brain Injury?**  
Arielle Isakharov and Corwin R. Butler

### Research Articles

#### CELLULAR/MOLECULAR

- 8214 The Integrated UPR and ERAD in Oligodendrocytes Maintain Myelin Thickness in Adults by Regulating Myelin Protein Translation**  
Shuangchan Wu, Sarrabeth Stone, Klaus-Armin Nave, and Wensheng Lin
- 8233 TARPs Modulate Receptor-Mediated Paired-Pulse Depression and Recovery from Desensitization**  
Suma Priya Sudarsana Devi, Yiru Cheng, Susumu Tomita, James R. Howe, and Wei Zhang
- 8248 Reelin-Nrp1 Interaction Regulates Neocortical Dendrite Development in a Context-Specific Manner**  
Takao Kohno, Keisuke Ishii, Yuki Hirota, Takao Honda, Makoto Makino, Takahiko Kawasaki, Kazunori Nakajima, and Mitsuharu Hattori

#### DEVELOPMENT/PLASTICITY/REPAIR

- 8262 VGluT2 Expression in Dopamine Neurons Contributes to Postlesional Striatal Reinnervation**  
Willemieke M. Kouwenhoven, Guillaume Fortin, Anna-Maija Penttinen, Clélia Florence, Benoît Delignat-Lavaud, Marie-Josée Bourque, Thorsten Trimbuch, Milagros Pereira Luppi, Alix Salvail-Lacoste, Pascale Legault, Jean-François Poulin, Christian Rosenmund, Raj Awatramani, and Louis-Éric Trudeau
- 8276 It Is All in the Right Amygdala: Increased Synaptic Plasticity and Perineuronal Nets in Male, But Not Female, Juvenile Rat Pups after Exposure to Early-Life Stress**  
Angela Guadagno, Silvana Verlezza, Hong Long, Tak Pan Wong, and Claire-Dominique Walker

- 8292 **The Gigantocellular Reticular Nucleus Plays a Significant Role in Locomotor Recovery after Incomplete Spinal Cord Injury**  
Anne K. Engmann, Flavio Bizzozzero, Marc P. Schneider, Dario Pfyffer, Stefan Imobersteg, Regula Schneider, Anna-Sophie Hofer, Martin Wieckhorst, and Martin E. Schwab

#### SYSTEMS/CIRCUITS

- 8306 **Serial Prefrontal Pathways Are Positioned to Balance Cognition and Emotion in Primates**  
Mary Kate P. Joyce, Miguel Ángel García-Cabezas, Yohan J. John, and Helen Barbas
- 8329 **Long-Term Characterization of Hippocampal Remapping during Contextual Fear Acquisition and Extinction**  
Peter J. Schuette, Fernando M. C. V. Reis, Sandra Maesta-Pereira, Meghmik Chakerian, Anita Torossian, Garrett J. Blair, Weisheng Wang, Hugh T. Blair, Michael S. Fanselow, Jonathan C. Kao, and Avishek Adhikari
- 8343 **Cell Assemblies in the Cortico-Hippocampal-Reuniens Network during Slow Oscillations**  
David Angulo-Garcia, Maëva Ferraris, Antoine Ghestem, Lauriane Nallet-Khosrofiyan, Christophe Bernard, and Pascale P. Quilichini

#### BEHAVIORAL/COGNITIVE

- 8355 **Prefrontal Neural Ensembles Develop Selective Code for Stimulus Associations within Minutes of Novel Experiences**  
Kaori Takehara-Nishiuchi, Mark D. Morrissey, and Maryna Pilkiw
- 8367 **Enhanced Retrieval of Taste Associative Memory by Chemogenetic Activation of Locus Ceruleus Norepinephrine Neurons**  
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- 8386 **Biased Neural Representation of Feature-Based Attention in the Human Frontoparietal Network**  
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- 8396 **Comparative Brain Imaging Reveals Analogous and Divergent Patterns of Species and Face Sensitivity in Humans and Dogs**  
Nóra Bunford, Raúl Hernández-Pérez, Eszter Borbála Farkas, Laura V. Cuaya, Dóra Szabó, Ádám György Szabó, Márta Gácsi, Ádám Miklósi, and Attila Andics

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