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**Cover legend:** This image shows the arborizations of a TL2a tangential neuron in the lower division of the central body of the desert locust brain. These neurons are sensitive to the polarization angle of blue light as well as the direction of an unpolarized green light spot and use these properties to create an internal compass for navigation. For more information, see the article by Pegel et al. (pages 3070–3080).

## 2977 This Week in The Journal

### Journal Club

- 2978 **A Domain-General Role for the Angular Gyrus in Retrieving Internal Representations of the External World**  
Siddharth Ramanan and Buddhika Bellana

### Research Articles

#### CELLULAR/MOLECULAR

- 2981 **Presynaptic Diversity Revealed by Ca<sup>2+</sup>-Permeable AMPA Receptors at the Calyx of Held Synapse**  
Brendan Lujan, Andre Dagostin, and Henrike von Gersdorff

#### DEVELOPMENT/PLASTICITY/REPAIR

- 2995 **Activity-Dependent Remodeling of *Drosophila* Olfactory Sensory Neuron Brain Innervation during an Early-Life Critical Period**  
Randall M. Golovin, Jacob Vest, Dominic J. Vita, and Kendal Broadie
- 3013 **Regulation of Myelination by Exosome Associated Retinoic Acid Release from NG2-Positive Cells**  
Maria B. Goncalves, Yue Wu, Earl Clarke, John Grist, Carl Hobbs, Diogo Trigo, Julian Jack, and Jonathan P.T. Corcoran
- 3028 **A Comprehensive Quantitative Genetic Analysis of Cerebral Surface Area in Youth**  
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#### SYSTEMS/CIRCUITS

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Yumiko Umino, Ying Guo, Ching-Kang Chen, Rose Pasquale, and Eduardo Solessio
- 3057 **Interaction of Taste and Place Coding in the Hippocampus**  
Linnea E. Herzog, Leila May Pascual, Seneca J. Scott, Elon R. Mathieson, Donald B. Katz, and Shantanu P. Jadhav
- 3070 **Two Compasses in the Central Complex of the Locust Brain**  
Uta Pegel, Keram Pfeiffer, Frederick Zittrell, Christine Scholtyssek, and Uwe Homberg

- 3081 **Priming of Adult Incision Response by Early-Life Injury: Neonatal Microglial Inhibition Has Persistent But Sexually Dimorphic Effects in Adult Rats**  
Orla Moriarty, YuShan Tu, Ameet S. Sengar, Michael W. Salter, Simon Beggs, and Suellen M. Walker

#### BEHAVIORAL/COGNITIVE

- 3094 **Glutamate Within the Marmoset Anterior Hippocampus Interacts with Area 25 to Regulate the Behavioral and Cardiovascular Correlates of High-Trait Anxiety**  
Jorge L. Zeredo, Shaun K.L. Quah, Chloe U. Wallis, Laith Alexander, Gemma J. Cockcroft, Andrea M. Santangelo, Jing Xia, Yoshiro Shiba, Jeffrey W. Dalley, Rudolf N. Cardinal, Angela C. Roberts, and Hannah F. Clarke
- 3108 **Prelimbic Cortical Neurons Track Preferred Reward Value and Reflect Impulsive Choice during Delay Discounting Behavior**  
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- 3119 **Stimulus-Driven Brain Rhythms within the Alpha Band: The Attentional-Modulation Conundrum**  
Christian Keitel, Anne Keitel, Christopher S.Y. Benwell, Christoph Daube, Gregor Thut, and Joachim Gross
- 3130 **Post-Encoding Amygdala-Visuosensory Coupling Is Associated with Negative Memory Bias in Healthy Young Adults**  
Sarah M. Kark and Elizabeth A. Kensinger

#### NEUROBIOLOGY OF DISEASE

- 3144 **Altered DNA Methylation in the Developing Brains of Rats Genetically Prone to High versus Low Anxiety**  
Chelsea R. McCoy, Matthew E. Glover, Leigh T. Flynn, Rebecca K. Simmons, Joshua L. Cohen, Travis Ptacek, Elliot J. Lefkowitz, Nateka L. Jackson, Huda Akil, Xiaowei Wu, and Sarah M. Clinton
- 3159 **Epilepsy Gene Therapy Using an Engineered Potassium Channel**  
Albert Snowball, Elodie Chabrol, Robert C. Wykes, Tawfeeq Shekh-Ahmad, Jonathan H. Cornford, Andreas Lieb, Michael P. Hughes, Giulia Massaro, Ahad A. Rahim, Kevan S. Hashemi, Dimitri M. Kullmann, Matthew C. Walker, and Stephanie Schorge

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