



**Cover legend:** This image shows anterograde transneuronal labeling of postsynaptic granule cells (red) and presumed Golgi cells (red + green), but not Purkinje cells (green), after injection of a viral tracer into the pontine nucleus. All neurons are labeled with a fluorescent Nissl stain (blue), and inhibitory neurons are labeled via transgenic expression of GFP in GAD67+ neurons (green). For more information, see the article by Zingg et al. (pages 3250–3267).

## 3141 This Week in The Journal

### Research Articles

#### CELLULAR/MOLECULAR

- 3142 Prohibitin S-Nitrosylation Is Required for the Neuroprotective Effect of Nitric Oxide in Neuronal Cultures**  
Youyang Qu, Csaba Konrad, Corey Anderson, Liping Qian, Tina Yin, Giovanni Manfredi, Costantino Iadecola, and Ping Zhou
- 3152 Rapid Release of Ca<sup>2+</sup> from Endoplasmic Reticulum Mediated by Na<sup>+</sup>/Ca<sup>2+</sup> Exchange**  
Che-Hsiung Liu, Zijing Chen, Megan K. Oliva, Junjie Luo, Simon Collier, Craig Montell, and Roger C. Hardie
- 3165 Comparative Transcriptomic Analyses of Developing Melanocortin Neurons Reveal New Regulators for the Anorexigenic Neuron Identity**  
Xiameng Chen, Steven C. Wyler, Li Li, Amanda G. Arnold, Rong Wan, Lin Jia, Mark A. Landy, Helen C. Lai, Pin Xu, and Chen Liu

#### DEVELOPMENT/PLASTICITY/REPAIR

- 3178 Cortical Tonotopic Map Changes in Humans Are Larger in Hearing Loss Than in Additional Tinnitus**  
Elouise A. Koops, Remco J. Renken, Cris P. Lanting, and Pim van Dijk

#### SYSTEMS/CIRCUITS

- 3186 Circuit Stability to Perturbations Reveals Hidden Variability in the Balance of Intrinsic and Synaptic Conductances**  
Sebastian Onasch and Julijana Gjorgjieva
- 3203 Adaptive Resetting of Tuberoinfundibular Dopamine (TIDA) Network Activity during Lactation in Mice**  
Carolina Thörn Pérez, Jimena Ferraris, Josina Anna van Lunteren, Arash Hellysaz, María Jesús Iglesias, and Christian Broberger
- 3217 Ventral Hippocampal Input to the Prelimbic Cortex Dissociates the Context from the Cue Association in Trace Fear Memory**  
Robert C. Twining, Katie Lepak, Adam J. Kirry, and Marieke R. Gilmartin
- 3231 Contribution of NPY Y<sub>5</sub> Receptors to the Reversible Structural Remodeling of Basolateral Amygdala Dendrites in Male Rats Associated with NPY-Mediated Stress Resilience**  
Sheldon D. Michaelson, Ana Pamela Miranda Tapia, Amanda McKinty, Heika Silveira Villarroel, James P. Mackay, Janice H. Urban, and William F. Colmers

- 3250 **Synaptic Specificity and Application of Anterograde Transsynaptic AAV for Probing Neural Circuitry**  
Brian Zingg, Bo Peng, Junxiang Huang, Huizhong W. Tao, and Li I. Zhang

#### BEHAVIORAL/COGNITIVE

- 3268 **The Effect of Counterfactual Information on Outcome Value Coding in Medial Prefrontal and Cingulate Cortex: From an Absolute to a Relative Neural Code**  
Doris Pischedda, Stefano Palminteri, and Giorgio Coricelli
- 3278 **Neural Evidence for the Prediction of Animacy Features during Language Comprehension: Evidence from MEG and EEG Representational Similarity Analysis**  
Lin Wang, Edward Wlotko, Edward Alexander, Lotte Schoot, Minjae Kim, Lena Warnke, and Gina R. Kuperberg
- 3292 **Resolving the Spatial Profile of Figure Enhancement in Human V1 through Population Receptive Field Modeling**  
Sonia Poltoratski and Frank Tong

#### NEUROBIOLOGY OF DISEASE

- 3304 **Interneuron NMDA Receptor Ablation Induces Hippocampus-Prefrontal Cortex Functional Hypoconnectivity after Adolescence in a Mouse Model of Schizophrenia**  
Rodrigo J. Alvarez, Diego E. Pafundo, Camila L. Zold, and Juan E. Belforte

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