



**Cover legend:** This image shows endogenous (red) and virally labeled (green) excitatory cells in the medial amygdala. Neural circuits involving the medial amygdala are responsible for attack and trauma-induced aggression escalation. Synaptic transmission in these circuits are potentiated by attack and traumatic experience, and this synaptic potentiation drives aggression escalation. For more information, see the article by Nordman et al. (pages 4858–4880).

## 4797 This Week in The Journal

### Research Articles

#### CELLULAR/MOLECULAR

#### 4798 AMPK Preferentially Depresses Retrograde Transport of Axonal Mitochondria during Localized Nutrient Deprivation

Orla Watters, Niamh M.C. Connolly, Hans-Georg König, Heiko Düssmann, and Jochen H.M. Prehn

#### 4813 TRPM4 Conductances in Thalamic Reticular Nucleus Neurons Generate Persistent Firing during Slow Oscillations

John J. O'Malley, Frederik Seibt, Jeannie Chin, and Michael Beierlein

#### 4824 Auxiliary $\alpha 2\delta 1$ and $\alpha 2\delta 3$ Subunits of Calcium Channels Drive Excitatory and Inhibitory Neuronal Network Development

Arthur Bikbaev, Anna Ciuraszkiewicz-Wojciech, Jennifer Heck, Oliver Klatt, Romy Freund, Jessica Mitlöhner, Sara Enrile Lacalle, Miao Sun, Daniele Repetto, Renato Frischknecht, Cornelia Ablinger, Astrid Rohlmann, Markus Missler, Gerald J. Obermair, Valentina Di Biase, and Martin Heine

#### 4842 Functional Postnatal Maturation of the Medial Olivocochlear Efferent–Outer Hair Cell Synapse

Lucas G. Vattino, Carolina Wedemeyer, Ana Belén Elgoyhen, and Eleonora Katz

#### SYSTEMS/CIRCUITS

#### 4858 Potentiation of Divergent Medial Amygdala Pathways Drives Experience-Dependent Aggression Escalation

Jacob C. Nordman, Xiaoyu Ma, Qinhua Gu, Michael Potegal, He Li, Alexxai V. Kravitz, and Zheng Li

#### 4881 MK-801 Exposure during Adolescence Elicits Enduring Disruption of Prefrontal E–I Balance and Its Control of Fear Extinction Behavior

Eden Flores-Barrera, Daniel R. Thomases, and Kuei Y. Tseng

#### BEHAVIORAL/COGNITIVE

#### 4888 Hippocampal Subregion Transcriptomic Profiles Reflect Strategy Selection during Cognitive Aging

Garrett Smith, Asha Rani, Ashok Kumar, Jolie Barter, and Thomas C. Foster

#### 4900 Feature Uncertainty Predicts Behavioral and Neural Responses to Combined Concepts

Sarah H. Solomon and Sharon L. Thompson-Schill

- 4913 **Neural Mechanisms of Attentional Control for Objects: Decoding EEG Alpha When Anticipating Faces, Scenes, and Tools**  
Sean Noah, Travis Powell, Natalia Khodayari, Diana Olivan, Mingzhou Ding, and George R. Mangun
- 4925 **Distinguishing the Neural Correlates of Perceptual Awareness and Postperceptual Processing**  
Michael A. Cohen, Kevin Ortego, Andrew Kyroudis, and Michael Pitts
- 4936 **Two Functionally Distinct Serotonergic Projections into Hippocampus**  
Alessandro Luchetti, Ayaka Bota, Adam Weitemier, Kotaro Mizuta, Masaaki Sato, Tanvir Islam, Thomas J. McHugh, Ayumu Tashiro, and Yasunori Hayashi
- 4945 **Distinct Oscillatory Dynamics Underlie Different Components of Hierarchical Cognitive Control**  
Justin Riddle, David A. Vogelsang, Kai Hwang, Dillan Cellier, and Mark D'Esposito

#### NEUROBIOLOGY OF DISEASE

- 4954 **A Novel Glycine Receptor Variant with Startle Disease Affects Syndapin I and Glycinergic Inhibition**  
Georg Langhofer, Natascha Schaefer, Hans M. Maric, Angelo Keramidias, Yan Zhang, Peter Baumann, Robert Blum, Ulrike Breiting, Kristian Strømgaard, Andreas Schlosser, Michael M. Kessels, Dennis Koch, Britta Qualmann, Hans-Georg Breiting, Joseph W. Lynch, and Carmen Villmann
- 4970 **Erratum:** The article “Carbon Monoxide, a Retrograde Messenger Generated in Postsynaptic Mushroom Body Neurons, Evokes Noncanonical Dopamine Release” by Kohei Ueno, Johannes Morstein, Kyoko Ofusa, Shintaro Naganos, Ema Suzuki-Sawano, Saika Minegishi, Samir P. Rezgui, Hiroaki Kitagishi, Brian W. Michel, Christopher J. Chang, Junjiro Horiuchi and Minoru Saitoe, appeared on pages 3533–3548 of the April 29, 2020 issue. An erratum for this article appears on page 4970.

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