



Cover legend: This image displays the central nucleus of the amygdala of mice with a growth hormone (GH) receptor ablation specific to their somatostatin neurons (green). Note the lack of co-localizations between these neurons and GH-responsive cells (red nuclei). Donato Jr. et al. used this manipulation to investigate whether dysfunctional GH signaling onto somatostatin neurons drives anxiety-like behavior and fear memory. Check out their manuscript to see what they found. For more information, see the article by dos Santos et al. (pages 6816–6829). Cover image: Jose Donato Jr.

6713 This Week in The Journal

Journal Club

- 6714 **Maintaining Auditory Working Memory Representations beyond Sensory Cortices Makes Working Memory Work**
Qiu Hai Yue

Research Articles

CELLULAR/MOLECULAR

- 6717 **Gonadal Feedback Alters the Relationship between Action Potentials and Hormone Release in Gonadotropin-Releasing Hormone Neurons in Male Mice**
Xi Chen and Suzanne M. Moenter
- 6731 **Lipopolysaccharide-Induced TRPA1 Upregulation in Trigeminal Neurons is Dependent on TLR4 and Vesicular Exocytosis**
Benoit Michot, Sharon M. Casey, Caroline S. Lee, Ozge Erdogan, Himanish Basu, Isaac Chiu, and Jennifer L. Gibbs

SYSTEMS/CIRCUITS

- 6745 **Selective Deletion of Methyl CpG Binding Protein 2 from Parvalbumin Interneurons in the Auditory Cortex Delays the Onset of Maternal Retrieval in Mice**
Deborah D. Rupert, Alexa H. Pagliaro, Jane Choe, and Stephen D. Shea

BEHAVIORAL/COGNITIVE

- 6760 **Theta Signal Transfer from Parietal to Prefrontal Cortex Ignites Conscious Awareness of Implicit Knowledge during Sequence Learning**
Yang Lu, Xiuyan Guo, Xue Weng, Haoran Jiang, Huidan Yan, Xianting Shen, Zhengning Feng, Xinyue Zhao, Lin Li, Li Zheng, Zhiyuan Liu, Weiwei Men, and Jia-Hong Gao
- 6779 **Speech Reception in Young Children with Autism Is Selectively Indexed by a Neural Oscillation Coupling Anomaly**
Xiaoyue Wang, Jaime Delgado, Silvia Marchesotti, Nada Kojovic, Holger Franz Sperdin, Tonia A. Rihs, Marie Schaer, and Anne-Lise Giraud
- 6796 **Worth the Work? Monkeys Discount Rewards by a Subjective Adapting Effort Cost**
Mark Burrell, Alexandre Pastor-Bernier, and Wolfram Schultz
- 6807 **Whole-Brain Deactivations Precede Uninduced Mind-Blanking Reports**
Paradeisios Alexandros Boulakis, Sepehr Mortaheb, Laurens van Calster, Steve Majerus, and Athena Demertzi

6816 Growth Hormone Action in Somatostatin Neurons Regulates Anxiety and Fear Memory

Willian O. dos Santos, Vitor A. L. Juliano, Fernanda M. Chaves, Henrique R. Vieira, Renata Frazao, Edward O. List, John J. Kopchick, Carolina D. Munhoz, and Jose Donato Jr

6830 Erratum: The article, “Specific Plasticity Loci and Their Synergism Mediate Operant Conditioning,” by Yuto Momohara, Curtis L. Neveu, Hsin-Mei Chen, Douglas A. Baxter, and John H. Byrne, appeared in the February 16, 2022 issue. An erratum for this article appears on page 6830.

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