



Cover legend: Seeing faces, bodies, artifacts, and scenes elicits activity in distinct sets of category-selective brain regions. Multivariate pattern dependence (MVPD) shows that responses in these regions are statistically related to responses across different areas of cortex (in red, blue, yellow, and green). Analyzing activity from all category-selective regions jointly yields a new map of statistical relationships (in purple) – comparing the joint map to the maps obtained for individual categories reveals that angular gyrus combines information across multiple categories. For more information, see the article by Fang et al. (pages 2756–2766). Cover image: Mengting Fang and Stefano Anzellotti.

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Research Articles

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- 2631 Chronic Neuronal Inactivity Utilizes the mTOR-TFEB Pathway to Drive Transcription-Dependent Autophagy for Homeostatic Up-Scaling**
Yang Wang, Jingran Lin, Jiarui Li, Lu Yan, Wenwen Li, Xingzhi He, and Huan Ma
- 2653 Spatiotemporal Live-Cell Analysis of Photoreceptor Outer Segment Membrane Ingestion by the Retinal Pigment Epithelium Reveals Actin-Regulated Scission**
Ankita Umopathy, Gil Torten, Antonio E. Paniagua, Julie Chung, Madeline Tomlinson, Caleb Lim, and David S. Williams
- 2665 Identification of Sodium- and Chloride-Sensitive Sites in the Slack Channel**
Jie Xu, Yan-Tian Lv, Xiao-Yun Zhao, Jing-Jing Wang, Zhong-Shan Shen, Jian Li, Fei-Fei Zhang, Jing Liu, Xiao-Hui Wang, Yun Xu, Qi Geng, Yi-Tong Ding, Jing-Jing Xu, Meng-Jiao Tan, Zhi-Xiao Li, Ran Wang, Jian Chen, Wen Sun, Meng Cui, Diomedes E. Logothetis, Jun-li Cao, Qiong-Yao Tang, and Zhe Zhang
- 2682 Opioid Receptors Modulate Firing and Synaptic Transmission in the Paraventricular Nucleus of the Thalamus**
Guoqiang Hou, Shaolei Jiang, Gaowei Chen, Xiaofei Deng, Fengling Li, Hua Xu, Bo Chen, and Yingjie Zhu

SYSTEMS/CIRCUITS

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- 2714 Species-Specific Adaptation for Ongoing High-Frequency Action Potential Generation in MNTB Neurons**
Nikolaos Kladisios, Kathrin D. Wicke, Christina Pätz-Warncke, and Felix Felmy

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- 2730 Multiple and Dissociable Effects of Sensory History on Working-Memory Performance**
Jasper E. Hajonides, Freek van Ede, Mark G. Stokes, Anna C. Nobre, and Nicholas E. Myers
- 2741 Monkey Dorsolateral Prefrontal Cortex Represents Abstract Visual Sequences during a No-Report Task**
Nadira Yusif Rodriguez, Theresa H. McKim, Debaleena Basu, Aarit Ahuja, and Theresa M. Desrochers

- 2756 **Angular Gyrus Responses Show Joint Statistical Dependence with Brain Regions Selective for Different Categories**
Mengting Fang, Aidan Aglinskis, Yichen Li, and Stefano Anzellotti
- 2767 **Shared Neural Activity But Distinct Neural Dynamics for Cognitive Control in Monkey Prefrontal and Parietal Cortex**
Rachael K. Blackman, David A. Crowe, Adele L. DeNicola, Sofia Sakellaridi, Jacob A. Westerberg, Anh M. Huynh, Angus W. MacDonald, Scott R. Sponheim, and Matthew V. Chafee
- 2782 **Single-Trial Dynamics of Competing Reach Plans in the Human Motor Periphery**
Luc P. J. Selen, Brian D. Corneil, and W. Pieter Medendorp
- 2794 **Rhythm in the Premature Neonate Brain: Very Early Processing of Auditory Beat and Meter**
Mohammadreza Edalati, Fabrice Wallois, Javad Safaie, Ghida Ghostine, Guy Kongolo, Laurel J. Trainor, and Sahar Moghimi

NEUROBIOLOGY OF DISEASE

- 2803 **Endogenous Inflammatory Mediators Produced by Injury Activate TRPV1 and TRPA1 Nociceptors to Induce Sexually Dimorphic Cold Pain That Is Dependent on TRPM8 and GFR α 3**
Chenyu Yang, Shanni Yamaki, Tyler Jung, Brian Kim, Ryan Huyhn, and David D. McKemy
- 2815 **Erratum:** The article “NF- κ B Activation Protects Oligodendrocytes against Inflammation,” by Sarrabeth Stone, Stephanie Jamison, Yuan Yue, Wilaiwan Durose, Ruth Schmidt-Ullrich, and Wensheng Lin, appeared on pages 9332–9344 of the September 20, 2017 issue. An erratum for this article appears on page 2815.
- 2817 **Erratum:** The article “SIRT1 Deacetylates Tau and Reduces Pathogenic Tau Spread in a Mouse Model of Tauopathy,” by Sang-Won Min, Peter Dongmin Sohn, Yaqiao Li, Nino Devidze, Jeffrey R. Johnson, Nevan J. Krogan, Eliezer Masliah, Sue-Ann Mok, Jason E. Gestwicki, and Li Gan, appeared on pages 3680–3688 of the April 11, 2018 issue. An erratum for this article appears on page 2817.

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