



Cover legend: These images capture different expressions of two mice interacting through social facial touch. Chari et al. developed a novel method for quantifying social facial responses with measures including squinting, pupil dilation, and whisker protraction. They validated it using two autism mouse models. For more information, see the article by Chari et al. (pages 7158–7174).
Cover image: Carlos Portera-Cailliau.

7069 This Week in The Journal

Journal Club

- 7070 Mapping Individual-Specific Regions of the Multiple Demand Network during Development Reveals Increased Selectivity Associated with Executive Function**
Alisha Shetty and Arielle S. Keller

Research Articles

CELLULAR/MOLECULAR

- 7073 Dehydroepiandrosterone Sulfate (DHEAS) Is an Endogenous Kv7 Channel Modulator That Reduces Kv7/M-Current Suppression and Inflammatory Pain**
Lamees Alhassen, Wedad Alhassen, Cindy Wong, Yuxuan Sun, Zelin Xia, Olivier Civelli, and Naoto Hoshi
- 7084 Synapse-Enriched m⁶A-Modified Malat1 Interacts with the Novel m⁶A Reader, DPYSL2, and Is Required for Fear-Extinction Memory**
Sachithrani U. Madugalle, Wei-Siang Liao, Qiongyi Zhao, Xiang Li, Hao Gong, Paul R. Marshall, Ambika Periyakaruppi, Esmi L. Zajackowski, Laura J. Leighton, Haobin Ren, Mason R. B. Musgrove, Joshua W. A. Davies, Gwangmin Kim, Simone Rauch, Chuan He, Bryan C. Dickinson, Barbora Fulopova, Lee N. Fletcher, Stephen R. Williams, Robert C. Spitale, and Timothy W. Bredy

DEVELOPMENT/PLASTICITY/REPAIR

- 7101 Presynaptic Kainate Receptors onto Somatostatin Interneurons Are Recruited by Activity throughout Development and Contribute to Cortical Sensory Adaptation**
Tevey J. Stachniak, Ali Ö. Argunsah, Jenq-Wei Yang, Linbi Cai, and Theofanis Karayannis

SYSTEMS/CIRCUITS

- 7119 Stimulus-Specific Prediction Error Neurons in Mouse Auditory Cortex**
Nicholas J. Audette and David M. Schneider
- 7130 Layer 5 Intratelencephalic Neurons in the Motor Cortex Stably Encode Skilled Movement**
Takanori Shinotsuka, Yasuhiro R. Tanaka, Shin-Ichiro Terada, Natsuki Hatano, and Masanori Matsuzaki
- 7149 Evidence That Ultrafast Nonquantal Transmission Underlies Synchronized Vestibular Action Potential Generation**
Christopher J. Pastras, Ian S. Curthoys, Mohsen Asadnia, David McAlpine, Richard D. Rabbitt, and Daniel J. Brown

BEHAVIORAL/COGNITIVE

- 7158 **A Novel Head-Fixed Assay for Social Touch in Mice Uncovers Aversive Responses in Two Autism Models**
Trishala Chari, Ariana Hernandez, and Carlos Portera-Cailliau
- 7175 **Chronic Deep Brain Stimulation of the Human Nucleus Accumbens Region Disrupts the Stability of Intertemporal Preferences**
Ben J. Wagner, Canan B. Schüller, Thomas Schüller, Juan C. Baldermann, Sina Kohl, Veerle Visser-Vandewalle, Daniel Huys, Milena Marx, Jens Kuhn, and Jan Peters
- 7186 **Spontaneous α Brain Dynamics Track the Episodic “When”**
Leila Azizi, Ignacio Polti, and Virginie van Wassenhove
- 7198 **Hippocampal Mechanisms Support Cortisol-Induced Memory Enhancements**
Brynn E. Sherman, Bailey B. Harris, Nicholas B. Turk-Browne, Rajita Sinha, and Elizabeth V. Goldfarb
- 7213 **Attachment Reminders Trigger Widespread Synchrony across Multiple Brains**
Ortal Shimon-Raz, Yaara Yeshurun, Adi Ulmer-Yaniv, Ayelet Levinkron, Roy Salomon, and Ruth Feldman

NEUROBIOLOGY OF DISEASE

- 7226 **Genetic Reduction of Insulin Signaling Mitigates Amyloid- β Deposition by Promoting Expression of Extracellular Matrix Proteins in the Brain**
Toshiharu Sano, Toshitaka Ochiai, Takeru Nagayama, Ayaka Nakamura, Naoto Kubota, Takashi Kadowaki, Tomoko Wakabayashi, and Takeshi Iwatsubo

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