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 m^6A-Modified Malat1 Interacts with the Novel m^6A Reader, DPYSL2, and Is Required for Fear-Extinction Memory
Sachithrani U. Madugalle, Wei-Siang Liau, Qiongyi Zhao, Xiang Li, Hao Gong, Paul R. Marshall, Ambika Periyakaruppih, Esni L. Zajaczkowski, 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
Tevye 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 Intrateleencephalic 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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