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Cover legend: This image shows a cultured hippocampal neuron that was nimmunolabeled for the vesicle SNARE protein synaptobrevin 2. The original image has been artificially colored with a gradient map for artistic effect. The transmembrane domain of synaptobrevin 2 influences the flow of neurotransmitter through synaptic fusion pores. For more information, see the article by Chiang et al. (pages 7179 –7191).

i This Week in The Journal

Dual Perspectives

- 7013 Working Memory: Delay Activity, Yes! Persistent Activity? Maybe Not Mikael Lundqvist, Pawel Herman, and Earl K. Miller
- 7020 Persistent Spiking Activity Underlies Working Memory Christos Constantinidis, Shintaro Funahashi, Daeyeol Lee, John D. Murray, Xue-Lian Qi, Min Wang, and Amy F.T. Arnsten

Journal Club

 7029 Challenges in Studying Multidimensional Semantic Representations in the Human Brain
 Colleen Mills-Finnerty

Research Articles

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7032 Angiotensin II Triggers Peripheral Macrophage-to-Sensory Neuron Redox Crosstalk to Elicit Pain

Andrew J. Shepherd, Bryan A. Copits, Aaron D. Mickle, Páll Karlsson, Suraj Kadunganattil, Simon Haroutounian, Satya M. Tadinada, Annette D. de Kloet, Manouela V. Valtcheva, Lisa A. McIlvried, Tayler D. Sheahan, Sanjay Jain, Pradipta R. Ray, Yuriy M. Usachev, Gregory Dussor, Eric G. Krause, Theodore J. Price, Robert W. Gereau IV, and Durga P. Mohapatra

7058 Regional Distribution of CNS Antigens Differentially Determines T-Cell Mediated Neuroinflammation in a CX3CR1-Dependent Manner

Aditya Rayasam, Julie A. Kijak, McKenna Dallmann, Martin Hsu, Nicole Zindl, Anders Lindstedt, Leah Steinmetz, Jeffrey S. Harding, Melissa G. Harris, Jozsef Karman, Matyas Sandor, and Zsuzsanna Fabry

7072 The Claudin-like Protein HPO-30 Is Required to Maintain LAChRs at the *C. elegans* Neuromuscular Junction

Pallavi Sharma, Lei Li, Haowen Liu, Vina Tikiyani, Zhitao Hu, and Kavita Babu

7120 Selective Role of RGS9-2 in Regulating Retrograde Synaptic Signaling of Indirect Pathway Medium Spiny Neurons in Dorsal Striatum Chenghui Song, Garret R. Anderson, Laurie P. Sutton, Maria Dao, and Kirill A. Martemyanov

7179 The Transmembrane Domain of Synaptobrevin Influences Neurotransmitter Flux through Synaptic Fusion Pores

Chung-Wei Chiang, Che-Wei Chang, and Meyer B. Jackson

DEVELOPMENT/PLASTICITY/REPAIR

7088 Targeting TrkB with a Brain-Derived Neurotrophic Factor Mimetic Promotes Myelin Repair in the Brain

Jessica L. Fletcher, Rhiannon J. Wood, Jacqueline Nguyen, Eleanor M.L. Norman, Christine M.K. Jun, Alexa R. Prawdiuk, Melissa Biemond, Huynh T.H. Nguyen, Susan E. Northfield, Richard A. Hughes, David G. Gonsalvez, Junhua Xiao, and Simon S. Murray

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7100 Drug Refraining and Seeking Potentiate Synapses on Distinct Populations of Accumbens Medium Spiny Neurons

Douglas Roberts-Wolfe, Ana-Clara Bobadilla, Jasper A. Heinsbroek, Daniela Neuhofer, and Peter W. Kalivas

BEHAVIORAL/COGNITIVE

7132 Efficient Coding in Visual Working Memory Accounts for Stimulus-Specific Variations in Recall

Robert Taylor and Paul M. Bays

- 7143 Neural Computations Underlying Causal Structure Learning
 Momchil S. Tomov, Hayley M. Dorfman, and Samuel J. Gershman
- 7158 A Generic Mechanism for Perceptual Organization in the Parietal Cortex Pablo R. Grassi, Natalia Zaretskaya, and Andreas Bartels
- 7170 Beta-Blocker Propranolol Modulates Decision Urgency During Sequential Information Gathering

Tobias U. Hauser, Michael Moutoussis, Nina Purg, Peter Dayan, and Raymond J. Dolan

NEUROBIOLOGY OF DISEASE

7108 Synaptopathy in the Aging Cochlea: Characterizing Early-Neural Deficits in Auditory Temporal Envelope Processing

Aravindakshan Parthasarathy and Sharon G. Kujawa

7192 Correction: The article "Swedish Nerve Growth Factor Mutation (NGFR100W) Defines a Role for TrkA and p75NTR in Nociception" by Kijung Sung, Luiz F. Ferrari, Wanlin Yang, ChiHye Chung, Xiaobei Zhao, Yingli Gu, Suzhen Lin, Kai Zhang, Bianxiao Cui, Matthew L. Pearn, Michael T. Maloney, William C. Mobley, Jon D. Levine, and Chengbiao Wu, appeared on pages 3394 –3413 of the April 4, 2018 issue. A correction for this article appears on p. 7192.

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