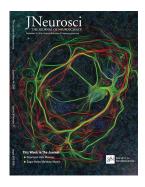


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Cover legend: This image is an artistic rendering of an isolated neuron from a mouse lacking coxsackievirus and adenovirus receptors. The axon was labeled using Tau antibody (red) and dendrites were labeled with MAP-2 antibody (green). For more information, see the article by Zussy et al. (pages 9558 –9571).

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Journal Club

9513 TRIM9 Mediates Netrin-1-Induced Neuronal Morphogenesis in the Developing and Adult Hippocampus

Jayne Aiken and Georgia Buscaglia

Articles

CELLULAR/MOLECULAR

Coxsackievirus Adenovirus Receptor Loss Impairs Adult Neurogenesis, Synapse Content, and Hippocampus Plasticity
Charleine Zussy, Fabien Loustalot, Felix Junyent, Fabrizio Gardoni, Cyril Bories, Jorge Valero, Michel G. Desarménien, Florence Bernex, Daniel Henaff, Neus Bayo-Puxan, Jin-Wen Chen, Nicolas Lonjon, Yves de Koninck, João O. Malva, Jeffrey M. Bergelson, Monica di Luca, Giampietro Schiavo, Sara Salinas, and Eric J. Kremer

- Resolvin D1 Programs Inflammation Resolution by Increasing TGF-β Expression
 Induced by Dying Cell Clearance in Experimental Autoimmune Neuritis
 Bangwei Luo, Fuyu Han, Kai Xu, Jinsong Wang, Zongwei Liu, Zigang Shen, Jia Li, Yu Liu, Man Jiang, Zhi-Yuan Zhang, and Zhiren Zhang
- 9696 The Arp2/3 Complex Is Essential for Distinct Stages of Spine Synapse Maturation, Including Synapse Unsilencing Erin F. Spence, Daniel J. Kanak, Benjamin R. Carlson, and Scott H. Soderling

DEVELOPMENT/PLASTICITY/REPAIR

9710 The Core Molecular Machinery Used for Engulfment of Apoptotic Cells Regulates the JNK Pathway Mediating Axon Regeneration in *Caenorhabditis elegans*Strahil Iv. Pastuhov, Kota Fujiki, Anna Tsuge, Kazuma Asai, Sho Ishikawa, Kazuya Hirose, Kunihiro Matsumoto, and Naoki Hisamoto

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9580 Distinct fMRI Responses to Self-Induced versus Stimulus Motion during Free Viewing in the Macaque

Brian E. Russ, Takaaki Kaneko, Kadharbatcha S. Saleem, Rebecca A. Berman, and David A. Leopold

9604 The Interglomerular Circuit Potently Inhibits Olfactory Bulb Output Neurons by Both Direct and Indirect Pathways

Shaolin Liu, Adam C. Puche, and Michael T. Shipley

9618 The Role of Striatal Feedforward Inhibition in the Maintenance of Absence Seizures

Takafumi Arakaki, Séverine Mahon, Stéphane Charpier, Arthur Leblois, and David Hansel

9683 Contributions of Rod and Cone Pathways to Retinal Direction Selectivity Through Development

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- 9526 Spatiotopic Adaptation in Visual Areas
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- 9535 Drosophila Neprilysins Are Involved in Middle-Term and Long-Term Memory Oriane Turrel, Aurélie Lampin-Saint-Amaux, Thomas Préat, and Valérie Goguel
- 9547 Methylphenidate Modulates Functional Network Connectivity to Enhance Attention Monica D. Rosenberg, Sheng Zhang, Wei-Ting Hsu, Dustin Scheinost, Emily S. Finn, Xilin Shen, R. Todd Constable, Chiang-Shan R. Li, and Marvin M. Chun
- 9572 Transitional Probabilities Are Prioritized over Stimulus/Pattern Probabilities in Auditory Deviance Detection: Memory Basis for Predictive Sound Processing

Maria Mittag, Rika Takegata, and István Winkler

- Youthful Brains in Older Adults: Preserved Neuroanatomy in the Default Mode and Salience Networks Contributes to Youthful Memory in Superaging Felicia W. Sun, Michael R. Stepanovic, Joseph Andreano, Lisa Feldman Barrett, Alexandra Touroutoglou, and Bradford C. Dickerson
- 9722 Spinal Fbxo3-Dependent Fbxl2 Ubiquitination of Active Zone Protein RIM1α Mediates Neuropathic Allodynia through Ca_v2.2 Activation Cheng-Yuan Lai, Yu-Cheng Ho, Ming-Chun Hsieh, Hsueh-Hsiao Wang, Jen-Kun Cheng, Yat-Pang Chau, and Hsien-Yu Peng
- 9739 Prefrontal Cortex Networks Shift from External to Internal Modes during Learning Scott L. Brincat and Earl K. Miller

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9647 Soluble Conformers of A $oldsymbol{eta}$ and Tau Alter Selective Proteins Governing Axonal Transport

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9669 Self-Complementary AAV9 Gene Delivery Partially Corrects Pathology Associated with Juvenile Neuronal Ceroid Lipofuscinosis (CLN3)

Megan E. Bosch, Amy Aldrich, Rachel Fallet, Jessica Odvody, Maria Burkovetskaya, Kaitlyn Schuberth, Julie A. Fitzgerald, Kevin D. Foust, and Tammy Kielian

9755 Correction: The article "Hierarchical Connectivity and Connection-Specific Dynamics in the Corticospinal–Corticostriatal Microcircuit in Mouse Motor Cortex" by Taro Kiritani, Ian R. Wickersham, H. Sebastian Seung, and Gordon M. G. Shepherd, appeared on pages 4992–5001 of the April 4, 2012 issue. A correction for this article appears on page 9755.

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