



Cover legend: This image shows the dendritic arbors of rat hippocampal neurons (MAP2 staining pseudocolored for fluorescence intensity). The actin-binding proteins LASP1 and LASP2 differentially regulate dendritic arbor and spine development. For more information, see the article by Myers et al. (pages 526–541).

495 This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

- 496 Graded Coexpression of Ion Channel, Neurofilament, and Synaptic Genes in Fast-Spiking Vestibular Nucleus Neurons**
Takashi Kodama, Aryn H. Gittis, Minyoung Shin, Keith Kelleher, Kristine E. Kolkman, Lauren McElvain, Minh Lam, and Sascha du Lac
- 509 Synaptic Inhibition of Medial Olivocochlear Efferent Neurons by Neurons of the Medial Nucleus of the Trapezoid Body**
Lester Torres Cadenas, Matthew J. Fischl, and Catherine J.C. Weisz
- 526 The Nebulin Family LIM and SH3 Proteins Regulate Postsynaptic Development and Function**
Kenneth R. Myers, Kuai Yu, Joachim Kremerskothen, Elke Butt, and James Q. Zheng
- 542 CCB is Involved in Actin-Based Axonal Transport of Selected Synaptic Proteins**
Alfonso Martin-Peña and Alberto Ferrus
- 557 Loss of HIPK2 Protects Neurons from Mitochondrial Toxins by Regulating Parkin Protein Turnover**
Jiasheng Zhang, Yulei Shang, Sherry Kamiya, Sarah J. Kotowski, Ken Nakamura, and Eric J. Huang

DEVELOPMENT/PLASTICITY/REPAIR

- 569 Serotonergic Plasticity in the Dorsal Raphe Nucleus Characterizes Susceptibility and Resilience to Anhedonia**
Nandkishore Prakash, Christiana J. Stark, Maria N. Keisler, Lily Luo, Andre Der-Avakian, and Davide Dulcis

SYSTEMS/CIRCUITS

- 585 Long-term Monocular Deprivation during Juvenile Critical Period Disrupts Binocular Integration in Mouse Visual Thalamus**
Carey Y.L. Huh, Karim Abdelaal, Kirstie J. Salinas, Diyue Gu, Jack Zeitoun, Dario X. Figueroa Velez, John P. Peach, Charless C. Fowlkes, and Sunil P. Gandhi
- 605 Level of Consciousness Is Dissociable from Electroencephalographic Measures of Cortical Connectivity, Slow Oscillations, and Complexity**
Dinesh Pal, Duan Li, Jon G. Dean, Michael A. Brito, Tiecheng Liu, Anna M. Fryzel, Anthony G. Hudetz, and George A. Mashour
- 619 Excitatory–Inhibitory Synaptic Coupling in Avian Nucleus Magnocellularis**
Mohammed Al-Yaari, Rei Yamada, and Hiroshi Kuba

632 **Manipulations of Central Amygdala Neurotensin Neurons Alter the Consumption of Ethanol and Sweet Fluids in Mice**

María Luisa Torruella-Suárez, Jessica R. Vandenberg, Elizabeth S. Cogan, Gregory J. Tipton, Adonay Teklezghi, Kedar Dange, Gunjan K. Patel, Jenna A. McHenry, J. Andrew Hardaway, Pranish A. Kantak, Nicole A. Crowley, Jeffrey F. DiBerto, Sara P. Faccidomo, Clyde W. Hodge, Garret D. Stuber, and Zoé A. McElligott

648 **Top-Down Feedback Controls the Cortical Representation of Illusory Contours in Mouse Primary Visual Cortex**

Alexandr Pak, Esther Ryu, Claudia Li, and Alexander A. Chubykin

BEHAVIORAL/COGNITIVE

661 **Dopamine-Dependent Loss Aversion during Effort-Based Decision-Making**

Xiuli Chen, Sarah Voets, Ned Jenkinson, and Joseph M. Galea

671 **Unimodal and Bimodal Access to Sensory Working Memories by Auditory and Visual Impulses**

Michael J. Wolff, Güven Kandemir, Mark G. Stokes, and Elkan G. Akyürek

NEUROBIOLOGY OF DISEASE

682 **Extent of Single-Neuron Activity Modulation by Hippocampal Interictal Discharges Predicts Declarative Memory Disruption in Humans**

Chrystal M. Reed, Clayton P. Mosher, Nand Chandravadia, Jeffrey M. Chung, Adam N. Mamelak, and Ueli Rutishauser

694 **SIRT3 Haploinsufficiency Aggravates Loss of GABAergic Interneurons and Neuronal Network Hyperexcitability in an Alzheimer's Disease Model**

Aiwu Cheng, Jing Wang, Nathaniel Ghena, Qijin Zhao, Isabella Perone, Todd M. King, Richard L. Veech, Myriam Gorospe, Ruiqian Wan, and Mark P. Mattson

Persons interested in becoming members of the Society for Neuroscience should contact the Membership Department at membership@sfn.org or 202-962-4911.

For current submission policies and manuscript preparation guidelines, authors should refer to our Information for Authors at <https://www.jneurosci.org/content/information-authors>.

Manuscripts should be submitted online at <https://jneurosci.msubmit.net>. Please contact the Central Office with any questions at jn@sfn.org or 202-962-4000.