



Cover legend: Tip60 localizes to actively transcribed gene regions on polytene chromosomes: Polytene chromosomes from *Drosophila* salivary glands are squashed and co-stained with DAPI (blue), RNA polymerase-II (green), and Tip60 (red). Tip60 colocalizes with RNA polymerase II in the interbands region (merged yellow) representing sites of active gene transcription between densely packed DNA regions. For more information, see the article by Bhatnagar et al. (pages 2398–2423).

Cover image: Akanksha Bhatnagar.

2221 This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

2222 Selective Serotonin Reuptake Inhibitors within Cells: Temporal Resolution in Cytoplasm, Endoplasmic Reticulum, and Membrane

Aaron L. Nichols, Zack Blumenfeld, Laura Luebbert, Hailey J. Knox, Anand K. Muthusamy, Jonathan S. Marvin, Charlene H. Kim, Stephen N. Grant, David P. Walton, Bruce N. Cohen, Rebekkah Hammar, Loren Looger, Per Artursson, Dennis A. Dougherty, and Henry A. Lester

2242 Inducible CRISPR Epigenome Systems Mimic Cocaine Induced Bidirectional Regulation of *Nab2* and *Egr3*

Eric Y. Choi, Daniela Franco, Catherine A. Stapf, Madeleine Gordin, Amanda Chow, Kara K. Cover, Ramesh Chandra, and Mary Kay Lobo

2260 Innexin-Mediated Adhesion between Glia Is Required for Axon Ensheathment in the Peripheral Nervous System

Mriga Das, Duo Cheng, Till Matzat, and Vanessa J. Auld

2277 A Role for KCNQ Channels on Cell Type-Specific Plasticity in Mouse Auditory Cortex after Peripheral Damage

Amanda Henton, Yanjun Zhao, and Thanos Tzounopoulos

2291 Transient and Sustained Ganglion Cell Light Responses Are Differentially Modulated by Intrinsically Produced Reactive Oxygen Species Acting upon Specific Voltage-Gated Na⁺ Channel Isoforms

Benjamin J. Smith, Cyrus F. McHugh, Arlene A. Hirano, Nicholas C. Brecha, and Steven Barnes

DEVELOPMENT/PLASTICITY/REPAIR

2305 A Novel CCK Receptor GPR173 Mediates Potentiation of GABAergic Inhibition

Ling He, Heng Shi, Ge Zhang, Yujie Peng, Avirup Ghosh, Mengfan Zhang, Xiaofeng Hu, Chunhua Liu, Yue Shao, Shujie Wang, Lijiang Chen, Wenjian Sun, Junfeng Su, Xi Chen, Liang Zhang, Ying-Shing Chan, Duanqing Pei, Micky Tortorella, Yiping Guo, Hong Yan, and Jufang He

SYSTEMS/CIRCUITS

2326 Vestibular Contributions to Primate Neck Postural Muscle Activity during Natural Motion

Robyn L. Mildren and Kathleen E. Cullen

- 2338 ***In Vivo* Photoadduction of Anesthetic Ligands in Mouse Brain Markedly Extends Sedation and Hypnosis**
Andrew R. McKinstry-Wu, Andrzej Z. Wasilczuk, William P. Dailey,
Roderic G. Eckenhoff, and Max B. Kelz

BEHAVIORAL/COGNITIVE

- 2349 **Genetic Disruption of System xc-Mediated Glutamate Release from Astrocytes Increases Negative-Outcome Behaviors While Preserving Basic Brain Function in Rat**
Evan M. Hess, Sara N. Kassel, Gregory Simandl, Nicholas Raddatz, Brian Maunze,
Matthew M. Hurley, Michael Grzybowski, Jason Klotz, Aron Geurts,
Qing-Song Liu, SuJean Choi, Robert C. Twining, and David A. Baker
- 2362 **Neural Substrates of Body Ownership and Agency during Voluntary Movement**
Zakaryah Abdulkarim, Arvid Guterstam, Zineb Hayatou, and H. Henrik Ehrsson

NEUROBIOLOGY OF DISEASE

- 2381 **GluA1 Degradation by Autophagy Contributes to Circadian Rhythm Effects on Cerebral Ischemia Injury**
Haifeng Lu, Yugang Wang, Hua Fan, Yiqing Wang, Shenghao Fan, Shimin Hu,
Haitao Shen, Haiying Li, Qun Xue, Jianqiang Ni, Qi Fang, and Gang Chen
- 2398 **Tip60's Novel RNA-Binding Function Modulates Alternative Splicing of Pre-mRNA Targets Implicated in Alzheimer's Disease**
Akanksha Bhatnagar, Keegan Krick, Bhanu Chandra Karisetty, Ellen M. Armour,
Elizabeth A. Heller, and Felice Elefant
- 2424 **Severely Attenuated Visual Feedback Processing in Children on the Autism Spectrum**
Emily J. Knight, Edward G. Freedman, Evan J. Myers, Alaina S. Berruti,
Leona A. Oakes, Cody Zhewei Cao, Sophie Molholm, and John J. Foxe

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