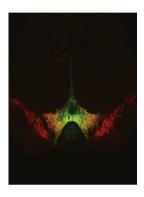


July 7, 2021 • Volume 41 Number 27 • www.jneurosci.org



Cover legend: This image shows channel rhodopsin eYFP expression in dopamine neurons of the ventral tegmental area (green) along with tyrosine hydroxylase expression (red) in neurons of the VTA and neighboring substantia nigra compacta. For more information, see the article by Melchior et al. (pages 5876–5893). Cover image: James R. Melchior and Robert T. Matthews.

5771 This Week in The Journal

Celebrating 40 Years of JNeurosci

PROGRESSIONS

5772 A Search for a Cortical Map of Auditory Space John C. Middlebrooks

Research Articles

CELLULAR/MOLECULAR

5779 Regulation of Perineuronal Nets in the Adult Cortex by the Activity of the Cortical Network

Gabrielle Devienne, Sandrine Picaud, Ivan Cohen, Juliette Piquet, Ludovic Tricoire, Damien Testa, Ariel A. Di Nardo, Jean Rossier, Bruno Cauli, and Bertrand Lambolez

5791 Control of Sugar and Amino Acid Feeding via Pharyngeal Taste Neurons Yu-Chieh David Chen, Vaibhav Menon, Ryan Matthew Joseph, and Anupama Arun Dahanukar

5809 Bidirectional Influence of Limbic GIRK Channel Activation on Innate Avoidance Behavior

Baovi N. Vo, Ezequiel Marron Fernandez de Velasco, Timothy R. Rose, Hannah Oberle, Haichang Luo, Corey R. Hopkins, and Kevin Wickman

5822 Conserved Modules Required for Drosophila TRP Function in Vivo Zijing Chen, Maggie Kerwin, Orlaith Keenan, and Craig Montell

DEVELOPMENT/PLASTICITY/REPAIR

5833 Spinal Cord Injury Alters Spinal Shox2 Interneurons by Enhancing Excitatory Synaptic Input and Serotonergic Modulation While Maintaining Intrinsic Properties in Mouse

D. Leonardo Garcia-Ramirez, Ngoc T. Ha, Steve Bibu, Nicholas J. Stachowski, and Kimberly J. Dougherty

5849 Transcriptional Control of Parallel-Acting Pathways That Remove Specific Presynaptic Proteins in Remodeling Neurons

Tyne W. Miller-Fleming, Andrea Cuentas-Condori, Laura Manning, Sierra Palumbos, Janet E. Richmond, and David M. Miller, III

5867 Reading-Related Brain Changes in Audiovisual Processing: Cross-Sectional and Longitudinal MEG Evidence

Sendy Caffarra, Mikel Lizarazu, Nicola Molinaro, and Manuel Carreiras

SYSTEMS/CIRCUITS

- 5876 Cocaine Augments Dopamine-Mediated Inhibition of Neuronal Activity in the Dorsal Bed Nucleus of the Stria Terminalis
 - James R. Melchior, Rafael E. Perez, Gregory J. Salimando, Joseph R. Luchsinger, Aakash Basu, and Danny G. Winder
- 5894 Prefrontal Cortical Neurons Are Selective for Non-Local Hippocampal Representations during Replay and Behavior Alice Berners-Lee, Xiaojing Wu, and David J. Foster

BEHAVIORAL/COGNITIVE

- 5909 Human Somatosensory Cortex Is Modulated during Motor Planning Daniel J. Gale, J. Randall Flanagan, and Jason P. Gallivan
- 5923 Cell Adhesion Factors in the Orbitofrontal Cortex Control Cue-Induced Reinstatement of Cocaine Seeking and Amygdala-Dependent Goal Seeking Alonzo J. Whyte, Gracy Trinoskey-Rice, Rachel A. Davies, Ellen P. Woon, Stephanie L. Foster, Lauren P. Shapiro, Dan C. Li, Kolluru D. Srikanth, Hava Gil-Henn, and Shannon L. Gourley
- 5937 Neural Representation in mPFC Reveals Hidden Selfish Motivation in White Lies JuYoung Kim and Hackjin Kim

NEUROBIOLOGY OF DISEASE

- 5947 Altered A-Type Potassium Channel Function Impairs Dendritic Spike Initiation and Temporoammonic Long-Term Potentiation in Fragile X Syndrome
 Gregory J. Ordemann, Christopher J. Apgar, Raymond A. Chitwood, and Darrin H. Brager
- 5963 α2δ-1 Upregulation in Primary Sensory Neurons Promotes NMDA
 Receptor-Mediated Glutamatergic Input in Resiniferatoxin-Induced Neuropathy
 Guang-Fen Zhang (张广芬), Shao-Rui Chen (陈少瑞), Daozhong Jin (金道忠),
 Yuying Huang (黄玉莹), Hong Chen (陈红), and Hui-Lin Pan (潘惠麟)

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.