



**Cover legend:** This image shows a coronal section of a *Sst-cre; Ai32* mouse in which Cre recombination is controlled by the somatostatin promoter and allows expression of a fluorescently tagged channelrhodopsin. For more information, see the article by Olsen and Hasenstaub. (pages 7370–7385).

Cover image: Tim Olsen.

## 7331 This Week in The Journal

### Commentary

#### 7332 Neuroscience Milestones: Developing Standardized Core-Competencies for Research-Based Neuroscience Trainees

Julie Graziane and Nicholas Graziane

### Research Articles

#### CELLULAR/MOLECULAR

#### 7339 Glycerol-3-Phosphate Shuttle Is a Backup System Securing Metabolic Flexibility in Neurons

Ankit Dhoundiyal, Vanessa Goeschl, Stefan Boehm, Helmut Kubista, and Matej Hotka

#### DEVELOPMENT/PLASTICITY/REPAIR

#### 7355 Antagonistic Activities of *Fmn2* and ADF Regulate Axonal F-Actin Patch Dynamics and the Initiation of Collateral Branching

Tanushree Kundu, Sooraj Siva Das, Lisas K. Sewatkar, Divya S. Kumar, Dhriti Nagar, and Aurnab Ghose

#### SYSTEMS/CIRCUITS

#### 7370 Offset Responses in the Auditory Cortex Show Unique History Dependence

Timothy Olsen and Andrea R. Hasenstaub

#### 7386 Interfacing Motor Units in Nonhuman Primates Identifies a Principal Neural Component for Force Control Constrained by the Size Principle

Alessandro Del Vecchio, Rachael H. A. Jones, Ian S. Schofield, Thomas M. Kinfe, Jaime Ibáñez, Dario Farina, and Stuart N. Baker

#### BEHAVIORAL/COGNITIVE

#### 7400 Selective Enhancement of Post-Sleep Visual Motion Perception by Repetitive Tactile Stimulation during Sleep

Yoshiyuki Onuki, Oti Lakhila-Kamal, Bo Scheffer, Eus J. W. Van Someren, and Ysbrand D. Van der Werf

#### 7412 Robust Effects of Working Memory Demand during Naturalistic Language Comprehension in Language-Selective Cortex

Cory Shain, Idan A. Blank, Evelina Fedorenko, Edward Gibson, and William Schuler

- 7431 **Data-Driven Clustering of Functional Signals Reveals Gradients in Processing Both within the Anterior Hippocampus and across Its Long Axis**  
John N. Thorp, Camille Gasser, Esther Blessing, and Lila Davachi
- 7442 **Speech Understanding Oppositely Affects Acoustic and Linguistic Neural Tracking in a Speech Rate Manipulation Paradigm**  
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- 7454 **Connectivity-Defined Subdivisions of the Intraparietal Sulcus Respond Differentially to Abstraction during Decision-Making**  
Melissa Newton, Savannah L. Cookson, Mark D'Esposito, and Andrew S. Kayser

#### NEUROBIOLOGY OF DISEASE

- 7466 **STAT1 Contributes to Microglial/Macrophage Inflammation and Neurological Dysfunction in a Mouse Model of Traumatic Brain Injury**  
Yongfang Zhao, Cheng Ma, Caixia Chen, Sicheng Li, Yangfan Wang, Tuo Yang, R. Anne Stetler, Michael V. L. Bennett, C. Edward Dixon, Jun Chen, and Yejie Shi
- 7482 **Ventral Hippocampal Formation Is the Primary Epileptogenic Zone in a Rat Model of Temporal Lobe Epilepsy**  
Paul S. Buckmaster, Bianca Reyes, Tahsin Kahn, and Megan Wyeth
- 7496 **Loss of the Schizophrenia-Linked Furin Protein from *Drosophila* Mushroom Body Neurons Results in Antipsychotic-Reversible Habituation Deficits**  
Kyriaki Foka, Eirini-Maria Georganta, Ourania Semelidou, and Efthimios M. C. Skoulakis

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