5129  This Week in The Journal

### Research Articles

#### CELLULAR/MOLECULAR

5130  **Dendritic Inhibition by Shh Signaling-Dependent Stellate Cell Pool Is Critical for Motor Learning**  
Wen Li, Lei Chen, Jonathan T. Fleming, Emily Brignola, Kirill Zavalin, Andre Lagrange, Tonia Rex, Shane A. Heiney, Gregory J. Wojaczynski, Javier F. Medina, and Chin Chiang

#### DEVELOPMENT/PLASTICITY/REPAIR

5144  **Notch Inhibition Promotes Regeneration and Immunosuppression Supports Cone Survival in a Zebrafish Model of Inherited Retinal Dystrophy**  
Joseph Fogerty, Ping Song, Patrick Boyd, Sarah E. Grabinski, Thanh Hoang, Adrian Reich, Lauren T. Cianciolo, Seth Blackshaw, Jeff S. Mumm, David R. Hyde, and Brian D. Perkins

#### SYSTEMS/CIRCUITS

5159  **Spontaneous Spiking Is Governed by Broadband Fluctuations**  
Zachary W. Davis, Lyle Muller, and John H. Reynolds

5173  **Mapping the Integration of Sensory Information across Fingers in Human Sensorimotor Cortex**  
Spencer A. Arbuckle, J. Andrew Pruszynski, and Jörn Diedrichsen

5186  **Cortico-Cerebellar Connectivity Underlying Motor Control in Chronic Poststroke Individuals**  
Raghavan Gopalakrishnan, David A. Cunningham, Olivia Hogue, Madeleine Schroedel, Brett A. Campbell, Ela B. Plow, Kenneth B. Baker, and Andre G. Machado

5198  **How Stimulus Statistics Affect the Receptive Fields of Cells in Primary Visual Cortex**  
Ali Almasi, Shi Hai Sun, Molis Yunzab, Young Jun Jung, Hamish Meffin, and Michael R. Ibbotson

5212  **Interactions between Brainstem Neurons That Regulate the Motility to the Stomach**  
Lorenza Bellusci, Selena N. Garcia DuBar, Michelle Kuah, David Castellano, Vinona Muralidaran, Elizabeth Jones, Aaron M. Rozeboom, Richard A. Gillis, Stefano Vicini, and Niaz Sahibzada

5229  **Functional (ir)Relevance of Posterior Parietal Cortex during Audiovisual Change Detection**  
Matthijs N. Oude Lohuis, Pietro Marchesi, Cyriel M.A. Pennartz, and Umberto Olcese
BEHAVIORAL/COGNITIVE

5246 Brain System for Social Categorization by Narrative Roles
Yorai Ron, Amnon Dafni-Merom, Noam Saadon-Grosman, Moshe Roseman,
Uri Elias, and Shahar Arzy

5254 Frequency-Dependent Plasticity in the Temporal Association Cortex Originates from
the Primary Auditory Cortex, and Is Modified by the Secondary Auditory Cortex and
the Medial Geniculate Body
Bingmin Luo, Jing Li, Jingpeng Liu, Funi Li, Miaoqing Gu, Haoran Xiao,
Shujun Lei, and Zhongju Xiao

5268 Animal-to-Animal Variability in Partial Hippocampal Remapping in Repeated
Environments
Parsa Nilchian, Matthew A. Wilson, and Honi Sanders

NEUROBIOLOGY OF DISEASE

5281 Blocking Mitochondrial Zn$^{2+}$ Accumulation after Ischemia Reduces Mitochondrial
Dysfunction and Neuronal Injury
Yuliya V. Medvedeva, Hong Z. Yin, Afsheen Bazrafkan, Andriy Yeromin,
Sung G. Ji, Eli J. Weiss-Hung, Edward Sharman, Alyssa P. Avilez, Niki Maki,
Masih A. Rafi, Guilian Tian, Yama Akbari, and John H. Weiss

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