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Cover legend: Ultrastructural transmission electron microscope image of *Xenopus laevis* retina, with colors overlain to reveal GABAergic (red) and glycinergic (green) amacrine cells with their processes in the inner plexiform layer, as well as glutamatergic (blue) excitatory cell classes, including bipolar cells and ganglion cells. For more information, see the article by Lee et al. in this issue (pages 2121–2128).

i This Week in The Journal

Journal Club

- 1915 **Learning from Default Mode Network: The Predictive Value of Resting State in Traumatic Brain Injury**
Stefano Sandrone and Marco Bacigaluppi
- 1918 **A Dynamic Cortical Network Encodes Violations of Expectancy during Taste Perception**
Janina Seubert and Kathrin Ohla

Brief Communications

- 1962 **Absence of TI-VAMP/Vamp7 Leads to Increased Anxiety in Mice**
Lydia Danglot, Kathleen Zylbersztejn, Maja Petkovic, Maxime Gauberti, Hamid Meziane, Roy Combe, Marie-France Champy, Marie-Christine Birling, Guillaume Pavlovic, Jean-Charles Bizot, Fabrice Trovero, Floriana Della Ragione, Véronique Proux-Gillardeaux, Tania Sorg, Denis Vivien, Maurizio D'Esposito, and Thierry Galli
- 1969 **When Up Is Down in 0g: How Gravity Sensing Affects the Timing of Interceptive Actions**
Patrice Senot, Myrka Zago, Anne Le Séac'h, Mohammed Zaoui, Alain Berthoz, Francesco Lacquaniti, and Joseph McIntyre
- 1974 **Coding of Microsaccades in Three-Dimensional Space by Premotor Saccadic Neurons**
Marion R. Van Horn and Kathleen E. Cullen
- 2013 **No Dissociation between Perception and Action in Patient DF When Haptic Feedback is Withdrawn**
Thomas Schenk
- 2154 **Neural Broadening or Neural Attenuation? Investigating Age-Related Dedifferentiation in the Face Network in a Large Lifespan Sample**
Joonkoo Park, Joshua Carp, Kristen M. Kennedy, Karen M. Rodrigue, Gerard N. Bischof, Chih-Mao Huang, Jennifer R. Rieck, Thad A. Polk, and Denise C. Park

Articles

CELLULAR/MOLECULAR

- 1989 **Cracking Down on Inhibition: Selective Removal of GABAergic Interneurons from Hippocampal Networks**
Flavia Antonucci, Alán Alpár, Johannes Kacza, Matteo Caleo, Claudia Verderio, Alice Giani, Henrik Martens, Farrukh A. Chaudhry, Manuela Allegra, Jens Grosche, Dominik Michalski, Christian Erck, Anke Hoffmann, Tibor Harkany, Michela Matteoli, and Wolfgang Härtig

- 2018 **Generation of a Pain Memory in the Primary Afferent Nociceptor Triggered by PKC ϵ Activation of CPEB**
Oliver Bogen, Nicole Alessandri-Haber, Carissa Chu, Robert W. Gear, and Jon D. Levine
- 2121 **Dysmorphic Photoreceptors in a P23H Mutant Rhodopsin Model of Retinitis Pigmentosa Are Metabolically Active and Capable of Regenerating to Reverse Retinal Degeneration**
Damian C. Lee, Felix R. Vazquez-Chona, W. Drew Ferrell, Beatrice M. Tam, Bryan W. Jones, Robert E. Marc, and Orson L. Moritz
- 2166 **Ca²⁺/cAMP-Sensitive Covariation of I_A and I_H Voltage Dependences Tunes Rebound Firing in Dopaminergic Neurons**
Julien Amendola, Adele Woodhouse, Marie-France Martin-Eauclaire, and Jean-Marc Goillard
- 2227 **Nicotine-Induced Upregulation of Native Neuronal Nicotinic Receptors Is Caused by Multiple Mechanisms**
Anitha P. Govind, Heather Walsh, and William N. Green

DEVELOPMENT/PLASTICITY/REPAIR

- 2062 **Plasticity of Subventricular Zone Neuroprogenitors in MPTP (1-Methyl-4-Phenyl-1,2,3,6-Tetrahydropyridine) Mouse Model of Parkinson's Disease Involves Cross Talk between Inflammatory and Wnt/ β -Catenin Signaling Pathways: Functional Consequences for Neuroprotection and Repair**
Francesca L'Episcopo, Cataldo Tirolo, Nunzio Testa, Salvatore Caniglia, Maria C. Morale, Michela Deleidi, Maria F. Serapide, Stefano Pluchino, and Bianca Marchetti
- 2100 **Exogenous Leukemia Inhibitory Factor Stimulates Oligodendrocyte Progenitor Cell Proliferation and Enhances Hippocampal Remyelination**
Benjamin E. Deverman and Paul H. Patterson
- 2110 **A Phox2- and Hand2-Dependent *Hand1* cis-Regulatory Element Reveals a Unique Gene Dosage Requirement for *Hand2* during Sympathetic Neurogenesis**
Joshua W. Vincentz, Nathan J. VanDusen, Andrew B. Fleming, Michael Rubart, Beth A. Firulli, Marthe J. Howard, and Anthony B. Firulli
- 2217 **5T4 Glycoprotein Regulates the Sensory Input-Dependent Development of a Specific Subtype of Newborn Interneurons in the Mouse Olfactory Bulb**
Sei-ichi Yoshihara, Hiroo Takahashi, Nobushiro Nishimura, Hiromi Naritsuka, Taichi Shirao, Hirokazu Hirai, Yoshihiro Yoshihara, Kensaku Mori, Peter L. Stern, and Akio Tsuboi

BEHAVIORAL/SYSTEMS/COGNITIVE

- 1920 **Serotonin Activates Overall Feeding by Activating Two Separate Neural Pathways in *Caenorhabditis elegans***
Bo-mi Song and Leon Avery
- 1932 **Redundant Catecholamine Signaling Consolidates Fear Memory via Phospholipase C**
Ming Ouyang, Matthew B. Young, Melissa M. Lestini, Keith Schutsky, and Steven A. Thomas
- 1953 **Alpha/Beta Oscillations Indicate Inhibition of Interfering Visual Memories**
Gerd T. Waldhauser, Mikael Johansson, and Simon Hanslmayr
- 1981 **Posttraining Transcranial Magnetic Stimulation of Striate Cortex Disrupts Consolidation Early in Visual Skill Learning**
Peter De Weerd, Joel Reithler, Vincent van de Ven, Marin Been, Christianne Jacobs, and Alexander T. Sack

- 2027 **Ventral Striatum Encodes Past and Predicted Value Independent of Motor Contingencies**
Brandon L. Goldstein, Brian R. Barnett, Gloria Vasquez, Steven C. Tobia, Vadim Kashtelyan, Amanda C. Burton, Daniel W. Bryden, and Matthew R. Roesch
- 2051 **Angiotensin Type 1A Receptors in C1 Neurons of the Rostral Ventrolateral Medulla Modulate the Pressor Response to Aversive Stress**
Daian Chen, Nikola Jancovski, Jaspreet K. Bassi, Thu-Phuc Nguyen-Huu, Yan-Ting Choong, Kesia Palma-Rigo, Pamela J. Davern, Susan B. Gurley, Walter G. Thomas, Geoffrey A. Head, and Andrew M. Allen
- 2086 **Pharmacological Blockade of the Cold Receptor TRPM8 Attenuates Autonomic and Behavioral Cold Defenses and Decreases Deep Body Temperature**
M. Camila Almeida, Tamara Hew-Butler, Renato N. Soriano, Sara Rao, Weiya Wang, Judy Wang, Nuria Tamayo, Daniela L. Oliveira, Tatiane B. Nucci, Prafulla Aryal, Andras Garami, Diana Bautista, Narender R. Gavva, and Andrej A. Romanovsky
- 2129 **Weak and Nondiscriminative Responses to Conspecifics in the Rat Hippocampus**
Moritz von Heimendahl, Rajnish P. Rao, and Michael Brecht
- 2159 **Hemispheric Asymmetry and Visuo-Olfactory Integration in Perceiving Subthreshold (Micro) Fearful Expressions**
Emily C. Forscher and Wen Li
- 2182 **Reduction of Metabolic Cost during Motor Learning of Arm Reaching Dynamics**
Helen J. Huang, Rodger Kram, and Alaa A. Ahmed
- 2191 **Remembering to Learn: Independent Place and Journey Coding Mechanisms Contribute to Memory Transfer**
Amir S. Bahar and Matthew L. Shapiro
- 2204 **Dissociation of Response Variability from Firing Rate Effects in Frontal Eye Field Neurons during Visual Stimulation, Working Memory, and Attention**
Mindy H. Chang, Katherine M. Armstrong, and Tirin Moore

NEUROBIOLOGY OF DISEASE

- 1942 **Temporal Order Memory Assessed during Spatiotemporal Navigation As a Behavioral Cognitive Marker for Differential Alzheimer's Disease Diagnosis**
Virginie Bellassen, Kinga Iglói, Leonardo Cruz de Souza, Bruno Dubois, and Laure Rondi-Reig
- 2002 **Impact of the NGF Maturation and Degradation Pathway on the Cortical Cholinergic System Phenotype**
Simon Allard, Wanda C. Leon, Prateep Pakavathkumar, Martin A. Bruno, Alfredo Ribeiro-da-Silva, and A. Claudio Cuello
- 2037 **Differential Effects between γ -Secretase Inhibitors and Modulators on Cognitive Function in Amyloid Precursor Protein-Transgenic and Nontransgenic Mice**
Yasuyuki Mitani, Junko Yarimizu, Kyoko Saita, Hiroshi Uchino, Hiroki Akashiba, Yoshitsugu Shitaka, Keni Ni, and Nobuya Matsuoka
- 2142 **Functional Analysis of VPS41-Mediated Neuroprotection in *Caenorhabditis elegans* and Mammalian Models of Parkinson's Disease**
Adam J. Harrington, Talene A. Yacoubian, Sunny R. Slone, Kim A. Caldwell, and Guy A. Caldwell

2239 **Correction:** The article “Gamma Responses Correlate with Temporal Expectation in Monkey Primary Visual Cortex” by Bruss Lima, Wolf Singer, and Sergio Neuenschwander originally appeared on pages 15919–15931 of the November 2, 2011 issue. A correction to that article appears on page 2239.

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