Journal Club

10117 Unblocking the Neural Substrates of Model-Based Value
Aaron M. Bornstein, Erik L. Nylen, and Sara A. Steele

Brief Communications

10184 Primary Afferent Terminals Acting as Excitatory Interneurons Contribute to Spontaneous Motor Activities in the Immature Spinal Cord
Rémi Bos, Frédéric Brocard, and Laurent Vinay

10201 Age-Related Decline in Circadian Output
Takahiro J. Nakamura, Wataru Nakamura, Shin Yamazaki, Takashi Kudo, Tamara Cutler, Christopher S. Colwell, and Gene D. Block

10228 Actin Capping Protein Is Required for Dendritic Spine Development and Synapse Formation
Yanjie Fan, Xin Tang, Eric Vitriol, Gong Chen, and James Q. Zheng

Articles

CELLULAR/MOLECULAR

10141 βCaMKII Plays a Nonenzymatic Role in Hippocampal Synaptic Plasticity and Learning by Targeting αCaMKII to Synapses
Nils Z. Borgesius, Geeske M. van Woerden, Gabrielle H. S. Buitendijk, Nanda Keijzer, Dick Jaarsma, Casper C. Hoogenraad, and Ype Elgersma

10189 Extensive Remodeling of the Presynaptic Cytomatrix upon Homeostatic Adaptation to Network Activity Silencing
Vesna Lazarevic, Cornelia Schöne, Martin Heine, Eckart D. Gundelfinger, and Anna Fejtvá

10283 Prolonged Postinhibitory Rebound Firing in the Cerebellar Nuclei Mediated by Group I Metabotropic Glutamate Receptor Potentiation of L-Type Calcium Currents
Nan Zhong (郑南) and Indira M. Raman

10403 Regeneration of Photopigment Is Enhanced in Mouse Cone Photoreceptors Expressing RPE65 Protein
Peter H. Tang, Lee Wheless, and Rosalie K. Crouch

10412 PIP2-Mediated HCN3 Channel Gating Is Crucial for Rhythmic Burst Firing in Thalamic Intergeniculate Leaflet Neurons
Shui-Wang Ying, Gareth R. Tibbs, Alessandra Picollo, Syed Y. Abbas, R. Lea Sanford, Alessio Accardi, Franz Hofmann, Andreas Ludwig, and Peter A. Goldstein
DEVELOPMENT/PLASTICITY/REPAIR

10119 Restriction of Transient Receptor Potential Vanilloid-1 to the Peptidergic Subset of Primary Afferent Neurons Follows Its Developmental Downregulation in Nonpeptidergic Neurons
Daniel J. Cavanaugh, Alexander T. Chesler, Joao M. Bráz, Nirao M. Shah, David Julius, and Allan I. Basbaum

10159 Bcl11b/Ctip2 Controls the Differentiation of Vomeronasal Sensory Neurons in Mice
Takayuki Enomoto, Makoto Ohmoto, Tetsuo Iwata, Ayako Uno, Masato Saitou, Tatsuya Yamaguchi, Ryo Kominami, Ichiro Matsumoto, and Junji Hirota

10302 Genetic Dissection of EphA Receptor Signaling Dynamics during Retinotopic Mapping
Nicholas Bevins, Greg Lemke, and Michael Reber

BEHAVIORAL/SYSTEMS/COGNITIVE

10174 Bidirectional Synaptic Plasticity and Spatial Memory Flexibility Require Ca2+/-Stimulated Adenylyl Cyclases
Ming Zhang, Daniel R. Storm, and Hongbing Wang

10206 Many Faces of Expertise: Fusiform Face Area in Chess Experts and Novices
Merim Bilalić, Robert Langner, Rolf Ulrich, and Wolfgang Grodd

10215 Dissociable Effects of Natural Image Structure and Color on LFP and Spiking Activity in the Lateral Prefrontal Cortex and Extrastriate Visual Area V4
Stefanie Liebe, Nikos K. Logothetis, and Gregor Rainer

10234 Tagging the Neuronal Entrainment to Beat and Meter
Sylvie Nozaradan, Isabelle Peretz, Marcus Missal, and André Mouraux

10262 Medial Temporal Lobe Damage Causes Deficits in Episodic Memory and Episodic Future Thinking Not Attributable to Deficits in Narrative Construction
Elizabeth Race, Margaret M. Keane, and Mieke Verfaellie

10270 Coding of Stereoscopic Depth Information in Visual Areas V3 and V3A
Akiyuki Anzai, Syed A. Chowdhury, and Gregory C. DeAngelis

10293 The Role of Frontal and Parietal Brain Areas in Bistable Perception
Tomas Knapen, Jan Brascamp, Joel Pearson, Raymond van Ee, and Randolph Blake

10323 Resting-State Neural Activity across Face-Selective Cortical Regions Is Behaviorally Relevant
Qi Zhu, Jiedong Zhang, Yu L. L. Luo, Daniel D. Dilks, and Jia Liu

10331 Sleep Spindles and Hippocampal Functional Connectivity in Human NREM Sleep
Kátia C. Andrade, Victor I. Spoormaker, Martin Dresler, Renate Wehrle, Florian Holsboer, Philipp G. Sämann, and Michael Czisch

10340 Dorsolateral Prefrontal Cortex Drives Mesolimbic Dopaminergic Regions to Initiate Motivated Behavior
Ian C. Ballard, Vishnu P. Murty, R. McKell Carter, Jeffrey J. MacInnes, Scott A. Huettel, and R. Alison Adcock

10371 Reference Frames for Spatial Frequency in Face Representation Differ in the Temporal Visual Cortex and Amygdala
Mikio Inagaki (稲垣未来男) and Ichiro Fujita (藤田一郎)

10380 Highly Differentiated Projection-Specific Cortical Subnetworks
Mieko Morishima, Kenji Morita, Yoshiyuki Kubota, and Yasuo Kawaguchi
10392  **Rules Ventral Prefrontal Cortical Axons Use to Reach Their Targets: Implications for Diffusion Tensor Imaging Tractography and Deep Brain Stimulation for Psychiatric Illness**  
Julia F. Lehman, Benjamin D. Greenberg, Cameron C. McIntyre, 
Steve A. Rasmussen, and Suzanne N. Haber

**NEUROBIOLOGY OF DISEASE**

10128  **Schwann Cell Mitochondrial Metabolism Supports Long-Term Axonal Survival and Peripheral Nerve Function**  
Andreu Viader, Judith P. Golden, Robert H. Baloh, Robert E. Schmidt, 
Daniel A. Hunter, and Jeffrey Milbrandt

10149  **Copper Reduces Aβ Oligomeric Species and Ameliorates Neuromuscular Synaptic Defects in a C. elegans Model of Inclusion Body Myositis**  
Daniela L. Rebolledo, Rebeca Aldunate, Rebecca Kohn, Iván Neira, 
Alicia N. Minniti, and Nibaldo C. Inestrosa

10241  **Monocarboxylate Transporter 2 and Stroke Severity in a Rodent Model of Sleep Apnea**  
Yang Wang, Shang Z. Guo, Arend Bonen, Richard C. Li, Leila Kheirandish-Gozal, 
Shelley X. L. Zhang, Kenneth R. Brittian, and David Gozal

10249  **Parkin Interacts with Ambra1 to Induce Mitophagy**  
Cindy Van Humbeeck, Tom Cornelissen, Hilde Hofkens, Wim Mandemakers, 
Kris Gevaert, Bart De Strooper, and Wim Vandenberghe

10311  **Cortical Stimulation Evokes Abnormal Responses in the Dopamine-Depleted Rat Basal Ganglia**  
Hitoshi Kita and Takako Kita

10347  **Juvenile Administration of Concomitant Methylphenidate and Fluoxetine Alters Behavioral Reactivity to Reward- and Mood-Related Stimuli and Disrupts Ventral Tegmental Area Gene Expression in Adulthood**  
Brandon L. Warren, Sergio D. Iniguez, Lyonna F. Alcantara, Katherine N. Wright, 
Eric M. Parise, Sarah K. Weakley, and Carlos A. Bolaños-Guzmán

10359  **MeCP2 Is Critical within HoxB1-Derived Tissues of Mice for Normal Lifespan**  
Christopher S. Ward, E. Melissa Arvide, Teng-Wei Huang, Jong Yoo, 
Jeffrey L. Noebels, and Jeffrey L. Neul

Persons interested in becoming members of the Society for Neuroscience should contact the Membership Department, Society for Neuroscience, 1121 14th St., NW, Suite 1010, Washington, DC 20005, phone 202-962-4000.

Instructions for Authors are available at http://www.jneurosci.org/misc/itoa.shtml. Authors should refer to these Instructions online for recent changes that are made periodically.

*Brief Communications* Instructions for Authors are available via Internet (http://www.jneurosci.org/misc/ifa_bc.shtml).

Submissions should be submitted online using the following url: http://jneurosci.msubmit.net. Please contact the Central Office, via phone, fax, or e-mail with any questions. Our contact information is as follows: phone, 202-962-4000; fax, 202-962-4945; e-mail, jn@sfn.org.