Cover legend: Three-dimensional representation of coxsackievirus-infected myeloid cells (green) exiting through tight junctions and basement membrane (outlined by laminin staining in red) of the choroid plexus epithelium in neonatal mice. DAPI-stained nuclei are shown in blue. See the article by Tabor-Godwin et al. in this issue (pages 8676 – 8691).

This Week in The Journal

Brief Communications

8421 Predicting Persuasion-Induced Behavior Change from the Brain
Emily B. Falk, Elliot T. Berkman, Traci Mann, Brittany Harrison, and Matthew D. Lieberman

8671 Direct Evidence for Wake-Related Increases and Sleep-Related Decreases in Synaptic Strength in Rodent Cortex
Zhong-Wu Liu, Ugo Faraguna, Chiara Cirelli, Giulio Tononi, and Xiao-Bing Gao

8692 On the Role of Prestimulus Alpha Rhythms over Occipito-Parietal Areas in Visual Input Regulation: Correlation or Causation?
Vincenzo Romei, Joachim Gross, and Gregor Thut

Articles

CELLULAR/MOLECULAR

8353 Aplysia Cell Adhesion Molecule and a Novel Protein Kinase C Activity in the Postsynaptic Neuron Are Required for Presynaptic Growth and Initial Formation of Specific Synapses
Jiang-Yuan Hu, Yang Chen, Joanna K. Bougie, Wayne S. Sossin, and Samuel Schacher

8367 Homeostatic Switch in Hebbian Plasticity and Fear Learning after Sustained Loss of Ca$_{1,2}$ Calcium Channels
Nicole Langwieser, Carl J. Christel, Thomas Kleppisch, Franz Hofmann, Carsten T. Wotjak, and Sven Moosmang

8376 Taste Preference for Fatty Acids Is Mediated by GPR40 and GPR120
Cristina Cartoni, Keiko Yasumatsu, Tadahiro Ohkuri, Noriatsu Shigemura, Ryusuke Yoshida, Nicolas Godinot, Johannes le Coutre, Yuzo Ninomiya, and Sami Damak

8411 Wnt-5a Modulates Recycling of Functional GABA$_A$ Receptors on Hippocampal Neurons
Loreto Cuitino, Juan A. Godoy, Ginny G. Farias, Andrés Couve, Christian Bonansco, Marco Fuenzalida, and Nibaldo C. Inestrosa

8425 Dopamine Modulates $I_h$ in a Motor Axon
Aleksander W. Ballo, Jennifer C. Keene, Patricia J. Troy, Marie L. Goeritz, Farzan Nadim, and Dirk Bucher
Cdk5-Mediated Phosphorylation of β-Catenin Regulates Its Localization and GluR2-Mediated Synaptic Activity

Activation of Adenosine A2A Receptors Induces TrkB Translocation and Increases BDNF-Mediated Phospho-TrkB Localization in Lipid Rafts: Implications for Neuromodulation
Natália Assaífe-Lopes, Vasco C. Sousa, Daniela B. Pereira, Joaquim A. Ribeiro, Moses V. Chao, and Ana M. Sebastião

Dipeptidyl Peptidase-Like Protein 6 Is Required for Normal Electrophysiological Properties of Cerebellar Granule Cells
Brian M. Nadin and Paul J. Pfaffinger

Coregulation of Ion Channel Conductances Preserves Output in a Computational Model of a Crustacean Cardiac Motor Neuron
John M. Ball, Clarence C. Franklin, Anne-Elise Tobin, David J. Schulz, and Satish S. Nair

A Reward-Modulated Hebbian Learning Rule Can Explain Experimentally Observed Network Reorganization in a Brain Control Task
Robert Legenstein, Steven M. Chase, Andrew B. Schwartz, and Wolfgang Maass

Astrn2, A Novel Member of the Astrotactin Gene Family, Regulates the Trafficking of ASTN1 during Glial-Guided Neuronal Migration
Perrin M. Wilson, Robert H. Fryer, Yin Fang, and Mary E. Hatten

Adult Neurogenesis Occurs in Primate Sensorimotor Cortex following Cervical Dorsal Rhizotomy
Mani Vessal and Corinna Darian-Smith

Actomyosin Contraction at the Cell Rear Drives Nuclear Translocation in Migrating Cortical Interneurons
Francisco J. Martini and Miguel Valdeolmillos

A Novel Population of Myeloid Cells Responding to Coxsackievirus Infection Assists in the Dissemination of Virus within the Neonatal CNS
Jenna M. Tabor-Godwin, Chelsea M. Ruller, Nolan Bagalso, Naili An, Robb R. Pagarigan, Stephanie Harkins, Paul E. Gilbert, William B. Kirosses, Natalie A. Gude, Christopher T. Cornell, Kelly S. Doran, Mark A. Sussman, J. Lindsay Whitton, and Ralph Feuer

Functional Anatomical Evidence for Respiratory Rhythmogenic Function of Endogenous Bursters in Rat Medulla
Nicholas M. Mellen and Deepak Mishra

Nonlinear Coupling in the Human Motor System
Chun-Chuan Chen, James M. Kilner, Karl J. Friston, Stefan J. Kiebel, Rohit K. Jolly, and Nick S. Ward

How Does Learning to Read Affect Speech Perception?
Chotiga Pattamadilok, Iris N. Knierim, Keith J. Kawabata Duncan, and Joseph T. Devlin
8445 Attention to Memory and the Environment: Functional Specialization and Dynamic Competition in Human Posterior Parietal Cortex
Carlo Sestieri, Gordon L. Shulman, and Maurizio Corbetta

8481 Social Cognitive Conflict Resolution: Contributions of Domain-General and Domain-Specific Neural Systems
Jamil Zaki, Kelly Hennigan, Jochen Weber, and Kevin N. Ochsner

8502 Neural Correlates of Active Avoidance Behavior in Superior Colliculus
Jeremy D. Cohen and Manuel A. Castro-Alamancos

8512 Inhibitory Motor Control in Response Stopping and Response Switching
Naomi M. Kenner, Jeanette A. Mumford, Rebecca E. Hommer, Martha Skup, Ellen Leibenluft, and Russell A. Poldrack

8519 Prefrontal Cortex Activity during Flexible Categorization
Jefferson E. Roy, Maximilian Riesenhuber, Tomaso Poggio, and Earl K. Miller

8541 Neural Mechanisms Underlying the Impact of Visual Distraction on Retrieval of Long-Term Memory
Peter E. Wais, Michael T. Rubens, Jacqueline Boccanfuso, and Adam Gazzaley

8581 Kisspeptin Signaling Is Required for Peripheral But Not Central Stimulation of Gonadotropin-Releasing Hormone Neurons by NMDA
Xavier d’Anglemont de Tassigny, Karen J. Ackroyd, Emmanouella E. Chatzidaki, and William H. Colledge

8591 Ventromedial and Orbital Prefrontal Neurons Differentially Encode Internally and Externally Driven Motivational Values in Monkeys
Sebastien Bouret and Barry J. Richmond

8624 Molecular Depletion of Descending Serotonin Unmasks Its Novel Facilitatory Role in the Development of Persistent Pain
Feng Wei, Ronald Dubner, Shiping Zou, Ke Ren, Guang Bai, Dong Wei, and Wei Guo

8650 Pulvinar Inactivation Disrupts Selection of Movement Plans
Melanie Wilke, Janita Turchi, Katy Smith, Mortimer Mishkin, and David A. Leopold

NEUROBIOLOGY OF DISEASE

8489 Efficacy Loss of the Anticonvulsant Carbamazepine in Mice Lacking Sodium Channel β2 Subunits via Paradoxical Effects on Persistent Sodium Currents
Mischa Uebachs, Thoralf Opitz, Michel Royeck, Gesa Dickhof, Marie-Therese Horstmann, Lori L. Isom, and Heinz Beck

8566 Role of Presenilins in Neuronal Calcium Homeostasis
Hua Zhang, Suya Sun, An Herreman, Bart De Strooper, and Ilya Bezprozvanny

8602 Disease-Modifying Effects of Phenobarbital and the NKCC1 Inhibitor Bumetanide in the Pilocarpine Model of Temporal Lobe Epilepsy
Claudia Brandt, Maia Nozadze, Nina Heuchert, Marta Rattka, and Wolfgang Löscher

Correction: In the article "Postnatal Switch from Synaptic to Extrasynaptic Transmission between Interneurons and NG2 Cells" by Mateo Velez-Fort, Paloma P. Maldonado, Arthur M. Butt, Etienne Audinat, and Maria Cecilia Angulo, which appeared on pages 6921–6929 of the May 19, 2010 issue, the authors regret that values were switched on page 6925 in the following sentence: “The effect of TPMPA on the amplitude of averaged currents was significantly greater in the fourth PN week [amplitude decrease 81 ± 7 (n = 6) vs 52 ± 11 (n = 6) in the second and fourth PN week, respectively; p < 0.05].” The sentence should read as follows: “The effect of TPMPA on the amplitude of averaged currents was
significantly greater in the fourth PN week [amplitude decrease 52 ± 11 (n = 6) vs 81 ± 7 (n = 6) in the second and fourth PN week, respectively; \( p < 0.05 \).]”

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/ifab_c.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.