Cover legend: This picture illustrates the analysis of long-term potentiation (LTP) on thousands of isolated synapses by FASS-LTP (Fluorescence Analysis of Single-Synapse LTP). FASS-LTP is a novel method that tracks the insertion of glutamate receptors (green) directly at synapses, which are aligned and analyzed by flow cytometry. Notably, FASS-LTP data on cryopreserved human brains support the idea that synapses in Alzheimer disease patients are intrinsically defective in LTP. Image courtesy of artist César Gallo (El Gallo Films, Costa Mesa, CA). For more information, see the article by Prieto et al. (pages 1197–1212).
DEVELOPMENT/PLASTICITY/REPAIR

1269 Removal of Perineuronal Nets Unlocks Juvenile Plasticity Through Network Mechanisms of Decreased Inhibition and Increased Gamma Activity
Kristian Kinden Lensjø, Mikkel Elle Lepperød, Gunnar Dick, Torkel Hafting, and Marianne Fyhn

SYSTEMS/CIRCUITS

1102 Spatial Organization of Chromatic Pathways in the Mouse Dorsal Lateral Geniculate Nucleus
Daniel J. Denman, Joshua H. Siegle, Christof Koch, R. Clay Reid, and Timothy J. Blanche

1117 Olfactory Bulb Deep Short-Axon Cells Mediate Widespread Inhibition of Tufted Cell Apical Dendrites
Shawn D. Burton, Greg LaRocca, Annie Liu, Claire E.J. Cheetham, and Nathaniel N. Urban

1187 Edge-Related Activity Is Not Necessary to Explain Orientation Decoding in Human Visual Cortex
Susan G. Wardle, J. Brendan Ritchie, Kiley Seymour, and Thomas A. Carlson

BEHAVIORAL/COGNITIVE

1081 Contributions of the Ventral Striatum to Conscious Perception: An Intracranial EEG Study of the Attentional Blink
Heleen A. Slagter, Ali Mazaheri, Leon C. Reteig, Ruud Smolders, Martijn Figee, Mariska Mantione, P. Richard Schuurman, and Damiaan Denys

1156 The Superior Temporal Sulcus Is Causally Connected to the Amygdala: A Combined TBS-fMRI Study
David Pitcher, Shruti Japee, Lionel Rauth, and Leslie G. Ungerleider

1213 Limited Cognitive Resources Explain a Trade-Off between Perceptual and Metacognitive Vigilance
Brian Maniscalco, Li Yan McCurdy, Brian Odegaard, and Hakwan Lau

1257 Idiosyncratic Patterns of Representational Similarity in Prefrontal Cortex Predict Attentional Performance
Jeongmi Lee and Joy J. Geng

1284 Representations of Pitch and Timbre Variation in Human Auditory Cortex
Emily J. Allen, Philip C. Burton, Cheryl A. Olman, and Andrew J. Oxenham

1312 Decoding the Cortical Dynamics of Sound-Meaning Mapping
Ece Kocagoncu, Alex Clarke, Barry J. Devereux, and Lorraine K. Tyler

1367 Vividness of Visual Imagery Depends on the Neural Overlap with Perception in Visual Areas
Nadine Dijkstra, Sander E. Bosch, and Marcel A.J. van Gerven
Histological Underpinnings of Grey Matter Changes in Fibromyalgia Investigated Using Multimodal Brain Imaging
Florence B. Pomares, Thomas Funck, Natasha A. Feier, Steven Roy, Alexandre Daigle-Martel, Marta Ceko, Sridar Narayanan, David Araujo, Alexander Thiel, Nikola Stikov, Mary-Ann Fitzcharles, and Petra Schweinhardt

Genetic and Pharmacologic Manipulation of TLR4 Has Minimal Impact on Ethanol Consumption in Rodents

Pharmacological Rescue of Long-Term Potentiation in Alzheimer Diseased Synapses

Correction: The article, "Bipartite Interaction between Neurofibromatosis Type I Protein (Neurofibromin) and Syndecan Transmembrane Heparan Sulfate Proteoglycans" by Yi-Ping Hsueh, Anne M. Roberts, Manuela Volta, Morgan Sheng, and Roland G. Roberts, appeared on pages 3764–3770 of the June 1, 2001 issue. A correction for this article appears on page 1374.

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/content/information-authors. Authors should refer to these Instructions online for recent changes that are made periodically.

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; e-mail, jn@sfn.org.