

Cover legend: This image shows a degenerating axon (green) in the sciatic nerve of a mouse in which the E3 ubiquitin ligase FBX07 was knocked out selectively in myelinating glia. In close proximity to the axon is a fibroblast (yellow), indicating the pathological impact that loss of FBX07 from Schwann cells has on the PNS. For more information, see the article by Joseph et al. (pages 5606–5626).

5421 **This Week in The Journal**

Journal Club

- 5422 **An iPSC Model Reveals Mechanisms of Interindividual Differences in Pain**
Alexander Naka

Research Articles

CELLULAR/MOLECULAR

- 5424 **CAMK2-Dependent Signaling in Neurons Is Essential for Survival**
Martijn J. Kool, Martina Proietti Onori, Nils Z. Borgesius, Jolet E. van de Bree, Minetta Elgersma-Hooisma, Enzo Nio, Karel Bezstarosti, Gabriëlle H.S. Buitendijk, Mehrnoush Aghadavoud Jolfaei, Jeroen A.A. Demmers, Ype Elgersma, and Geeske M. van Woerden
- 5440 **Regulation of Neuronal Na⁺/K⁺-ATPase by Specific Protein Kinases and Protein Phosphatases**
Sandesh Mohan, Manindra Nath Tiwari, Yoav Biala, and Yoel Yaari
- 5452 **The p75 Neurotrophin Receptor Is an Essential Mediator of Impairments in Hippocampal-Dependent Associative Plasticity and Memory Induced by Sleep Deprivation**
Lik-Wei Wong, Jason Y. Tann, Carlos F. Ibanez, and Sreedharan Sajikumar
- 5466 **Regulation of Neuronal Survival and Axon Growth by a Perinuclear cAMP Compartment**
Tomasz Boczek, Evan G. Cameron, Wendou Yu, Xin Xia, Sahil H. Shah, Boris Castillo Chabeco, Joana Galvao, Michael Nahmou, Jinliang Li, Hrishikesh Thakur, Jeffrey L. Goldberg, and Michael S. Kapiloff

DEVELOPMENT/PLASTICITY/REPAIR

- 5481 **Neural Stem Cells of the Subventricular Zone Contribute to Neuroprotection of the Corpus Callosum after Cuprizone-Induced Demyelination**
Erica Butti, Marco Bacigaluppi, Linda Chaabane, Francesca Ruffini, Elena Brambilla, Giulia Berera, Carolina Montonati, Angelo Quattrini, and Gianvito Martino

SYSTEMS/CIRCUITS

- 5493 **Neuronal Effects of Spatial and Feature Attention Differ Due to Normalization**
Amy M. Ni and John H.R. Maunsell

BEHAVIORAL/COGNITIVE

- 5506 **Interactions between Conscious and Subconscious Signals: Selective Attention under Feature-Based Competition Increases Neural Selectivity during Brain Adaptation**
Yukiko Kikuchi, Jennifer Ip, Gaëtan Lagier, James C. Mossom, Sukhbinder Kumar, Christopher I. Petkov, Nick E. Barraclough, and Quoc C. Vuong

- 5517 **Cascaded Tuning to Amplitude Modulation for Natural Sound Recognition**
Takuya Koumura, Hiroki Terashima, and Shigeto Furukawa
- 5534 **Longitudinal Changes in the Cerebral Cortex Functional Organization of Healthy Elderly**
Joanna Su Xian Chong, Kwun Kei Ng, Jesica Tandi, Chenhao Wang, Jia-Hou Poh, June C. Lo, Michael W.L. Chee, and Juan Helen Zhou
- 5551 **Boosting Learning Efficacy with Noninvasive Brain Stimulation in Intact and Brain-Damaged Humans**
Florian Herpich, Michael D. Melnick, Sara Agosta, Krystal R. Huxlin, Duje Tadin, and Lorella Battelli,

NEUROBIOLOGY OF DISEASE

- 5562 **Limiting Neuronal Nogo Receptor 1 Signaling during Experimental Autoimmune Encephalomyelitis Preserves Axonal Transport and Abrogates Inflammatory Demyelination**
Jae Young Lee, Min Joung Kim, Speros Thomas, Viola Oorschot, Georg Ramm, Pei Mun Aui, Yuichi Sekine, Devy Deliyanti, Jennifer Wilkinson-Berka, Be'eri Niego, Alan R. Harvey, Paschalis Theotokis, Catriona McLean, Stephen M. Strittmatter, and Steven Petratos
- 5581 **Disrupted Plasma Membrane Protein Homeostasis in a *Xenopus Laevis* Model of Retinitis Pigmentosa**
Philip Ropelewski and Yoshikazu Imanishi
- 5594 **The Behavioral Sequelae of Social Defeat Require Microglia and Are Driven by Oxidative Stress in Mice**
Michael L. Lehmann, Thaddeus K. Weigel, Chelsie N. Poffenberger, and Miles Herkenham
- 5606 **Myelinating Glia-Specific Deletion of Fbxo7 in Mice Triggers Axonal Degeneration in the Central Nervous System Together with Peripheral Neuropathy**
Sabitha Joseph, Siv Vingill, Olaf Jahn, Robert Fledrich, Hauke B. Werner, Istvan Katona, Wiebke Möbius, Mišo Mitkovski, Yuhao Huang, Joachim Weis, Michael W. Sereda, Jörg B. Schulz, Klaus-Armin Nave, and Judith Stegmüller
- 5627 **Erratum:** The article “Fast Vesicle Transport Is Required for the Slow Axonal Transport of Synapsin” by Yong Tang, David Scott, Utpal Das, Daniel Gitler, Archan Ganguly, and Subhojit Roy, appeared on pages 15362–15375 of the September 25, 2013 issue. An erratum for this article appears on p. 5627.
- Erratum:** The article “Representation of Auditory Motion Directions and Sound Source Locations in the Human Planum Temporale” by Ceren Battal, Mohamed Rezk, Stefania Mattioni, Jyothirmayi Vadlamudi, and Olivier Collignon, appeared on pages 2208–2220 of the March 20, 2019 issue. An erratum for this article appears on p. 5627.

Persons interested in becoming members of the Society for Neuroscience should contact the Membership Department at membership@sfn.org or 202-962-4911.

For current submission policies and manuscript preparation guidelines, authors should refer to our Information for Authors at <http://www.jneurosci.org/content/information-authors>.

Manuscripts should be submitted online at <http://jneurosci.msubmit.net>. Please contact the Central Office with any questions at jn@sfn.org or 202-962-4000.