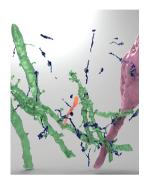


October 21, 2020 • Volume 40 Number 43 • www.jneurosci.org



Cover legend: Anterior cingulate axons (blue) in subgenual cingulate cortex form synapses with excitatory (green) and inhibitory neurons (pink, cell soma; orange, aspiny dendrite). Dense synapses seen at high resolution suggest the anterior cingulate has a powerful impact on subgenual cingulate for the regulation of emotions. The image is a 3D reconstruction from high-throughput electron microscopy using 200 serial sections spanning 10 µm. For more information, see the article by Joyce et al. (pages 8306–8328). Cover Image: Jess Holz (artist).

8207 This Week in The Journal

Journal Club

8208 A Piriform-Orbitofrontal Cortex Pathway Drives Relapse to Fentanyl-Seeking after Voluntary Abstinence
Nicholas A. Everett and Sarah J. Baracz

8211 Does Delayed Microglial Ablation Alter Outcomes after Traumatic Brain Injury?

Arielle Isakharov and Corwin R. Butler

Research Articles

CELLULAR/MOLECULAR

8214 The Integrated UPR and ERAD in Oligodendrocytes Maintain Myelin Thickness in Adults by Regulating Myelin Protein Translation
Shuangchan Wu, Sarrabeth Stone, Klaus-Armin Nave, and Wensheng Lin

8233 TARPs Modulate Receptor-Mediated Paired-Pulse Depression and Recovery from Desensitization
Suma Priya Sudarsana Devi, Yiru Cheng, Susumu Tomita, James R. Howe, and Wei Zhang

8248 Reelin-Nrp1 Interaction Regulates Neocortical Dendrite Development in a Context-Specific Manner

Takao Kohno, Keisuke Ishii, Yuki Hirota, Takao Honda, Makoto Makino, Takahiko Kawasaki, Kazunori Nakajima, and Mitsuharu Hattori

DEVELOPMENT/PLASTICITY/REPAIR

8262 VGluT2 Expression in Dopamine Neurons Contributes to Postlesional Striatal Reinnervation

Willemieke M. Kouwenhoven, Guillaume Fortin, Anna-Maija Penttinen, Clélia Florence, Benoît Delignat-Lavaud, Marie-Josée Bourque, Thorsten Trimbuch, Milagros Pereira Luppi, Alix Salvail-Lacoste, Pascale Legault, Jean-François Poulin, Christian Rosenmund, Raj Awatramani, and Louis-Éric Trudeau

8276 It Is All in the Right Amygdala: Increased Synaptic Plasticity and Perineuronal Nets in Male, But Not Female, Juvenile Rat Pups after Exposure to Early-Life Stress Angela Guadagno, Silvanna Verlezza, Hong Long, Tak Pan Wong, and Claire-Dominique Walker

8292 The Gigantocellular Reticular Nucleus Plays a Significant Role in Locomotor Recovery after Incomplete Spinal Cord Injury

Anne K. Engmann, Flavio Bizzozzero, Marc P. Schneider, Dario Pfyffer, Stefan Imobersteg, Regula Schneider, Anna-Sophie Hofer, Martin Wieckhorst, and Martin E. Schwab

SYSTEMS/CIRCUITS

8306 Serial Prefrontal Pathways Are Positioned to Balance Cognition and Emotion in Primates

Mary Kate P. Joyce, Miguel Ángel García-Cabezas, Yohan J. John, and Helen Barbas

8329 Long-Term Characterization of Hippocampal Remapping during Contextual Fear Acquisition and Extinction

Peter J. Schuette, Fernando M. C. V. Reis, Sandra Maesta-Pereira, Meghmik Chakerian, Anita Torossian, Garrett J. Blair, Weisheng Wang, Hugh T. Blair, Michael S. Fanselow, Jonathan C. Kao, and Avishek Adhikari

8343 Cell Assemblies in the Cortico-Hippocampal-Reuniens Network during Slow Oscillations

David Angulo-Garcia, Maëva Ferraris, Antoine Ghestem, Lauriane Nallet-Khosrofian, Christophe Bernard, and Pascale P. Quilichini

BEHAVIORAL/COGNITIVE

8355 Prefrontal Neural Ensembles Develop Selective Code for Stimulus Associations within Minutes of Novel Experiences

Kaori Takehara-Nishiuchi, Mark D. Morrissey, and Maryna Pilkiw

8367 Enhanced Retrieval of Taste Associative Memory by Chemogenetic Activation of Locus Ceruleus Norepinephrine Neurons

Ryoji Fukabori, Yoshio Iguchi, Shigeki Kato, Kazumi Takahashi, Satoshi Eifuku, Shingo Tsuji, Akihiro Hazama, Motokazu Uchigashima, Masahiko Watanabe, Hiroshi Mizuma, Yilong Cui, Hirotaka Onoe, Keigo Hikishima, Yasunobu Yasoshima, Makoto Osanai, Ryo Inagaki, Kohji Fukunaga, Takuma Nishijo, Toshihiko Momiyama, Richard Benton, and Kazuto Kobayashi

8386 Biased Neural Representation of Feature-Based Attention in the Human Frontoparietal Network

Mengyuan Gong and Taosheng Liu

8396 Comparative Brain Imaging Reveals Analogous and Divergent Patterns of Species and Face Sensitivity in Humans and Dogs

Nóra Bunford, Raúl Hernández-Pérez, Eszter Borbála Farkas, Laura V. Cuaya, Dóra Szabó, Ádám György Szabó, Márta Gácsi, Ádám Miklósi, and Attila Andics

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 https://www.jneurosci.org/content/information-authors.

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