



Cover legend: When performing a task, there is a trade-off between the speed of response and accuracy: the earlier the action, the more mistakes made. This difficulty in responding fast but accurately can explain an unexpected observation, where mice take longer to learn a task when the reward timing is early. The image shows a lick raster, where the dark green dots indicate the timings of licks produced by an animal, in anticipation of a reward. Incorrect licks (mistakes) are represented by orange dots. For more information, see the article by Reuschenbach, Reinert et al. (pages 3120–3130). Cover image: Mirjam Neve.

3008 This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

3009 The Cytidine N-Acetyltransferase NAT10 Participates in Peripheral Nerve Injury-Induced Neuropathic Pain by Stabilizing SYT9 Expression in Primary Sensory Neurons

Ming Zhang, Kehui Yang, Qi-Hui Wang, Ling Xie, Qiaoqiao Liu, Runa Wei, Yang Tao, Hong-Li Zheng, Ninghua Lin, Hengjun Xu, Li Yang, Hongjun Wang, Tingruo Zhang, Zhouya Xue, Jun-Li Cao, and Zhiqiang Pan

3028 Activity-Dependent Nr4a2 Induction Modulates Synaptic Expression of AMPA Receptors and Plasticity via a Ca^{2+} /CRTCI/CREB Pathway

Judit Català-Solsona, Pablo J. Lituma, Stefano Lutz, Dolores Siedlecki-Wullich, Cristina Fábregas-Ordoñez, Alfredo J. Miñano-Molina, Carlos A. Saura, Pablo E. Castillo, and José Rodríguez-Álvarez

DEVELOPMENT/PLASTICITY/REPAIR

3042 Microglial Cytokines Mediate Plasticity Induced by 10 Hz Repetitive Magnetic Stimulation

Amelie Eichler, Dimitrios Kleidonas, Zsolt Turi, Maximilian Fliegau, Matthias Kirsch, Dietmar Pfeifer, Takahiro Masuda, Marco Prinz, Maximilian Lenz, and Andreas Vlachos

SYSTEMS/CIRCUITS

3061 Subgenual and Hippocampal Pathways in Amygdala Are Set to Balance Affect and Context Processing

Mary Kate P. Joyce, Jingyi Wang, and Helen Barbas

3081 Sex Differences in the Impact of Electronic Nicotine Vapor on Corticotropin-Releasing Factor Receptor 1 Neurons in the Mouse Ventral Tegmental Area

ManHua Zhu, Neil G. Rogers, Jasmine V. Jahad, and Melissa A. Herman

BEHAVIORAL/COGNITIVE

3094 Cerebellar Excitability Regulates Physical Fatigue Perception

Agostina Casamento-Moran, Ronan A. Mooney, Vikram S. Chib, and Pablo A. Celnik

3107 Random Tactile Noise Stimulation Reveals Beta-Rhythmic Impulse Response Function of the Somatosensory System

Samson Chota, Rufin VanRullen, and Rasa Gulbinaite

- 3120 Effects of Stimulus Timing on the Acquisition of an Olfactory Working Memory Task in Head-Fixed Mice**
Josefine Reuschenbach, Janine K. Reinert, Xiaochen Fu, and Izumi Fukunaga
- 3131 Neural Index of Reinforcement Learning Predicts Improved Stimulus–Response Retention under High Working Memory Load**
Rachel Rac-Lubashevsky, Anna Cremer, Anne G.E. Collins, Michael J. Frank, and Lars Schwabe
- 3144 Semantic Representations during Language Comprehension Are Affected by Context**
Fatma Deniz, Christine Tseng, Leila Wehbe, Tom Dupré la Tour, and Jack L. Gallant
- 3159 Concurrent- and After-Effects of Medial Temporal Lobe Stimulation on Directed Information Flow to and from Prefrontal and Parietal Cortices during Memory Formation**
Anup Das and Vinod Menon
- 3176 The Human Centromedial Amygdala Contributes to Negative Prediction Error Signaling during Appetitive and Aversive Pavlovian Gustatory Learning**
Emilia Kolada, Krzysztof Bielski, Mateusz Wilk, Krystyna Rymarczyk, Piotr Bogorodzki, Paweł Kazulo, Bartosz Kossowski, Marek Wypych, Artur Marchewka, Leszek Kaczmarek, Ewelina Knapska, and Iwona Szatkowska

NEUROBIOLOGY OF DISEASE

- 3186 c-Jun N-Terminal Kinase Promotes Stress Granule Assembly and Neurodegeneration in C9orf72-Mediated ALS and FTD**
Talanjeri Gopalakrishna Sahana, Katherine Johnson Chase, Feilin Liu, Thomas E. Lloyd, Wilfried Rossoll, and Ke Zhang

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