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Cover legend: This image depicts the intensity of FUNCAT signal, a measure of de novo protein synthesis, in rat primary cortical neurons grown for 15 days in culture, treated with apolipoprotein E4, and stimulated with NMDA. For more information, see the article by Ramakrishna et al. (pages 8686–8709).

Image Credit: Sarayu Ramakrishna.

8668 This Week in The Journal

Commentary

8669 Toward an Anti-Racist Approach to Biomedical and Neuroscience Research Nicholas W. Gilpin and Michael A. Taffe

Research Articles

CELLULAR/MOLECULAR

 8673 C-Jun N-Terminal Kinase Post-Translational Regulation of Pain-Related Acid-Sensing Ion Channels 1b and 3
 Clément Verkest, Sylvie Diochot, Eric Lingueglia, and Anne Baron

8686 APOE4 Affects Basal and NMDAR-Mediated Protein Synthesis in Neurons by Perturbing Calcium Homeostasis

Sarayu Ramakrishna, Vishwaja Jhaveri, Sabine C. Konings, Bharti Nawalpuri, Sumita Chakraborty, Bjørn Holst, Benjamin Schmid, Gunnar K. Gouras, Kristine K. Freude, and Ravi S. Muddashetty

8710 Metabolic Control of Sensory Neuron Survival by the p75 Neurotrophin Receptor in Schwann Cells

Rose M. Follis, Chhavy Tep, Thiago C. Genaro-Mattos, Mi Lyang Kim, Jae Cheon Ryu, Vivianne E. Morrison, Jonah R. Chan, Ned Porter, Bruce D. Carter, and Sung Ok Yoon

DEVELOPMENT/PLASTICITY/REPAIR

8725 The Role of Galanin in Cerebellar Granule Cell Migration in the Early Postnatal Mouse during Normal Development and after Injury

Yutaro Komuro, Ludovic Galas, Yury M. Morozov, Jennifer K. Fahrion, Emilie Raoult, Alexis Lebon, Amanda K. Tilot, Shin Kikuchi, Nobuhiko Ohno, David Vaudry, Pasko Rakic, and Hitoshi Komuro

8742 Developmental Effects of Oxytocin Neurons on Social Affiliation and Processing of Social Information

Ana Rita Nunes, Michael Gliksberg, Susana A. M. Varela, Magda Teles, Einav Wircer, Janna Blechman, Giovanni Petri, Gil Levkowitz, and Rui F. Oliveira

SYSTEMS/CIRCUITS

8761 Reliable Sensory Processing in Mouse Visual Cortex through Cooperative Interactions between Somatostatin and Parvalbumin Interneurons

Rajeev V. Rikhye, Murat Yildirim, Ming Hu, Vincent Breton-Provencher, and Mriganka Sur

BEHAVIORAL/COGNITIVE

- 8779 Differential Effects of Cerebellar Degeneration on Feedforward versus Feedback Control across Speech and Reaching Movements
 - Benjamin Parrell, Hyosub E. Kim, Assaf Breska, Arohi Saxena, and Richard Ivry
- 8790 Posterodorsal Medial Amygdala Regulation of Female Social Behavior: GABA versus Glutamate Projections
 - Caroline S. Johnson, Weizhe Hong, and Paul E Micevych
- 8801 Excessive Laughter-like Vocalizations, Microcephaly, and Translational Outcomes in the *Ube3a* Deletion Rat Model of Angelman Syndrome
 - Elizabeth L. Berg, Shekib A. Jami, Stela P. Petkova, Annuska Berz, Timothy A. Fenton, Jason P. Lerch, David J. Segal, John A. Gray, Jacob Ellegood, Markus Wöhr, and Jill L. Silverman
- 8815 Cognitive Control Promotes Either Honesty or Dishonesty, Depending on One's Moral Default
 - Sebastian P. Speer, Ale Smidts, and Maarten A. S. Boksem
- 8826 Common and Unique Inhibitory Control Signatures of Action-Stopping and Attentional Capture Suggest That Actions Are Stopped in Two Stages Joshua R. Tatz, Cheol Soh, and Jan R. Wessel

NEUROBIOLOGY OF DISEASE

- 8839 Hippocampal Connectivity with Retrosplenial Cortex is Linked to Neocortical Tau Accumulation and Memory Function
 - Jacob Ziontz, Jenna N. Adams, Theresa M. Harrison, Suzanne L. Baker, and William J. Jagust
- 8848 Chemogenetic Activation of Cortical Parvalbumin-Positive Interneurons Reverses Noise-Induced Impairments in Gap Detection
 - Samer Masri, Nakayla Chan, Tyler Marsh, Alexander Zinsmaier, David Schaub, Li Zhang, Weihua Wang, and Shaowen Bao

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