



Cover legend: This image shows the population receptive field (pRF) sizes ranging from 0 (red) to 10 (green) degrees diameter in the early visual cortex of an achromatopsia patient before (up) and after (bottom) gene augmentation therapy. Receptive field sizes decreased following treatment. In the background, rows of circles show probable perception of the D-15 color arrangement test for healthy vision (lower row) and for achromatopsia patient before and after treatment (behind corresponding brain maps). Following treatment, some color specific perception was observed for the red spectrum. For more information, see the article by McKyton et al. (pages 7363–7371). Cover image: Ayelet McKyton and Netta Levin.

7328 This Week in The Journal

Research Articles

CELLULAR/MOLECULAR

7329 Presynaptic Short-Term Plasticity Persists in the Absence of PKC Phosphorylation of Munc18-1

Chih-Chieh Wang, Christopher Weyrer, Diasynou Fioravante, Pascal S. Kaeser, and Wade G. Regehr

7340 Reelin Regulates Neuronal Excitability through Striatal-Enriched Protein Tyrosine Phosphatase (STEP₆₁) and Calcium Permeable AMPARs in an NMDAR-Dependent Manner

Murat S. Durakoglugil, Catherine R. Wasser, Connie H. Wong, Theresa Pohlkamp, Xunde Xian, Courtney Lane-Donovan, Katja Fritschle, Lea Naestle, and Joachim Herz

7350 FLRT2 and FLRT3 Cooperate in Maintaining the Tangential Migratory Streams of Cortical Interneurons during Development

Catherine Fleitas, Pau Marfull-Oromí, Disha Chauhan, Daniel del Toro, Blanca Peguera, Bahira Zammou, Daniel Rocandio, Rüdiger Klein, Carme Espinet, and Joaquim Egea

DEVELOPMENT/PLASTICITY/REPAIR

7363 Cortical Visual Mapping following Ocular Gene Augmentation Therapy for Achromatopsia

Ayelet McKyton, Edward Averbukh, Devora Marks Ohana, Netta Levin, and Eyal Banin

SYSTEMS/CIRCUITS

7372 Neural Fingerprints Underlying Individual Language Learning Profiles

Gangyi Feng, Jinghua Ou, Zhenzhong Gan, Xiaoyan Jia, Danting Meng, Suiping Wang, and Patrick C. M. Wong

BEHAVIORAL/COGNITIVE

7388 A Representational Similarity Analysis of Cognitive Control during Color-Word Stroop

Michael C. Freund, Julie M. Bugg, and Todd S. Braver

7403 Predicting Identity-Preserving Object Transformations across the Human Ventral Visual Stream

Viola Mocz, Maryam Vaziri-Pashkam, Marvin M. Chun, and Yaoda Xu

- 7420 **Emergence of Nonlinear Mixed Selectivity in Prefrontal Cortex after Training**
Wenhao Dang, Russell J. Jaffe, Xue-Lian Qi, and Christos Constantinidis
- 7435 **The Music of Silence: Part I: Responses to Musical Imagery Encode Melodic Expectations and Acoustics**
Guilhem Marion, Giovanni M. Di Liberto, and Shihab A. Shamma
- 7449 **The Music of Silence: Part II: Music Listening Induces Imagery Responses**
Giovanni M. Di Liberto, Guilhem Marion, and Shihab A. Shamma
- 7461 **Delays to Reward Delivery Enhance the Preference for an Initially Less Desirable Option: Role for the Basolateral Amygdala and Retrosplenial Cortex**
Merridee J. Lefner, Alexa P. Magnon, James M. Gutierrez, Matthew R. Lopez, and Matthew J. Wanat

NEUROBIOLOGY OF DISEASE

- 7479 **Monoamine Oxidase-B Inhibition Facilitates α -Synuclein Secretion *In Vitro* and Delays Its Aggregation in rAAV-Based Rat Models of Parkinson's Disease**
Yoshitsugu Nakamura, Shigeki Arawaka, Hiroyasu Sato, Asuka Sasaki, Taro Shigekiyo, Kazue Takahata, Hiroko Tsunekawa, and Takeo Kato
- 7492 **Dynamic Change of Endocannabinoid Signaling in the Medial Prefrontal Cortex Controls the Development of Depression After Neuropathic Pain**
Christina M. Mecca, Dongman Chao, Guoliang Yu, Yin Feng, Ian Segel, Zhiyong Zhang, Dianise M. Rodriguez-Garcia, Christopher P. Pawela, Cecilia J. Hillard, Quinn H. Hogan, and Bin Pan
- 7509 **Erratum:** The article "Control of Motoneuron Survival by Angiogenin" by Dairín Kieran, Jordi Sebastia, Matthew J. Greenway, Matthew A. King, Dervla Connaughton, Caoimhin G. Concannon, Beau Fenner, Orla Hardiman, and Jochen H. M. Prehn, appeared on pages 14056–14061 of the December 24, 2008 issue. An erratum for this article appears on page 7509.

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