



Cover legend: The koniocellular layers of the lateral geniculate nucleus are an evolutionary ancient part of the primate visual system. Different koniocellular populations are specialized to process distinct aspects of the visual world. Some cells have on-off receptive fields (left column) that respond to drifting achromatic gratings with an unmodulated spike rate increase that is maximal for moderate spatial frequencies. A different, “blue-on” type of koniocellular receptive field (right column) shows color-selective responses to short-wave cone modulation; responses are maximal at low spatial frequencies. For more information, see the article by Eiber et al. (pages 10384–10398).

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- 10239 **Neuronal Chromatin Architecture Regulator CTCF Dictates Remote Memory**
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- 10241 **On the Short-Lived Nature of Working Memory: Drift and Decay in a Population-coding model**
Benjamin Cuthbert and Dominic Standage

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- 10349 **Synaptotoxicity in Alzheimer’s Disease Involved a Dysregulation of Actin Cytoskeleton Dynamics through Cofilin 1 Phosphorylation**
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- 10371 **Cerebellar Role in Predictive Control of Eye Velocity Initiation and Termination**
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- 10384 **Receptive Field Properties of Koniocellular On/Off Neurons in the Lateral Geniculate Nucleus of Marmoset Monkeys**
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NEUROBIOLOGY OF DISEASE

- 10255 Chronic Sleep Disruption Advances the Temporal Progression of Tauopathy in P301S Mutant Mice**
Yan Zhu, Guanxia Zhan, Polina Fenik, Madison Brandes, Patrick Bell, Noelle Francois, Katherine Shulman, and Sigrid Veasey
- 10399 *Correction:*** The article “NMDA Receptor Signaling Is Important for Neural Tube Formation and for Preventing Antiepileptic Drug-Induced Neural Tube Defects” by Eduardo B. Sequerra, Raman Goyal, Patricio A. Castro, Jacqueline B. Levin and Laura N. Borodinsky, appeared on pages 4762–4773 of the May 16, 2018 issue. A correction for this article appears on p. 10399.

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