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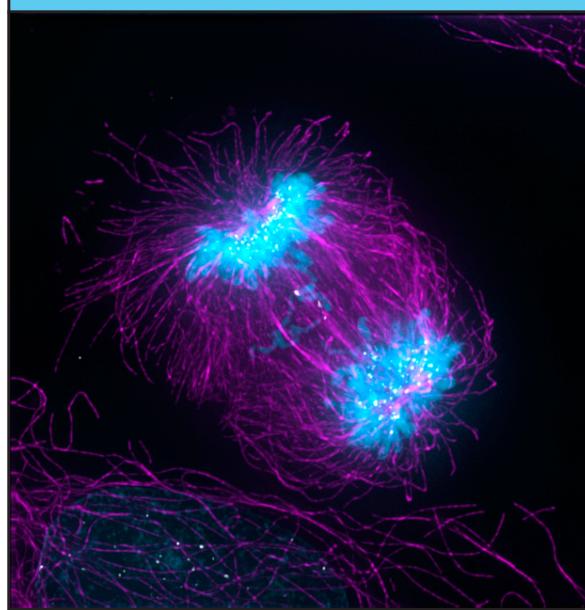
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On the cover

A chromosome segregation error in a human cancer cell. Elevated levels of the protein GTSE1 in cancer cells induce chromosome instability through microtubule stabilization. Blue, DNA; purple, microtubules; white, kinetochores.
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A GPI processing phospholipase A2, PGAP6, modulates Nodal signaling in embryos by shedding CRIPTO

Gun-Hee Lee, Morihisa Fujita, Katsuyoshi Takaoka, Yoshiko Murakami, Yoshitaka Fujihara, Noriyuki Kanzawa, Kei-ichi Murakami, Eriko Kajikawa, Yoko Takada, Kazunobu Saito, Masahito Ikawa, Hiroshi Hamada, Yusuke Maeda, and Taroh Kinoshita

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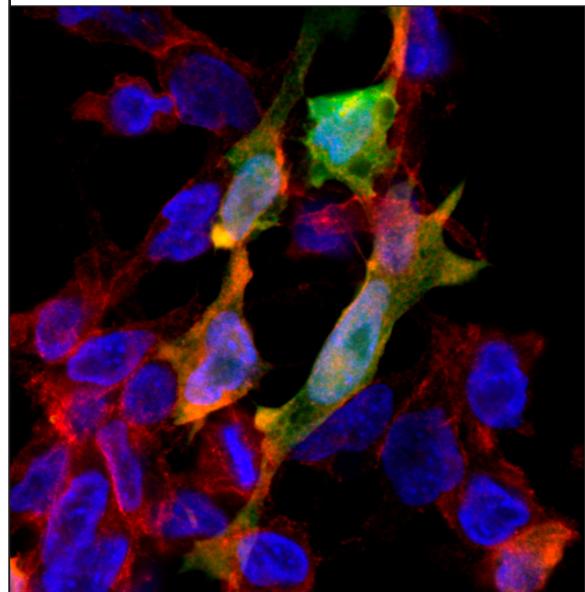
Postnatal activation of TLR4 in astrocytes promotes excitatory synaptogenesis in hippocampal neurons

Yi Shen, Huaping Qin, Juan Chen, Lingyan Mou, Yang He, Yixiu Yan, Hang Zhou, Ya Lv, Zhong Chen, Junlu Wang, and Yu-Dong Zhou

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Cadherin-6B proteolysis promotes the neural crest cell epithelial-to-mesenchymal transition through transcriptional regulation

Andrew T. Schiffmacher, Vivien Xie, and Lisa A. Taneyhill



Cad6B CTF2 overexpression results in the redistribution and accumulation of β -catenin in cranial neural crest cells. Neural crest cells possessing elevated levels of CTF2 (green) exhibit a redistribution and accumulation of β -catenin (red) in both the nucleus (blue) and cytosol.

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