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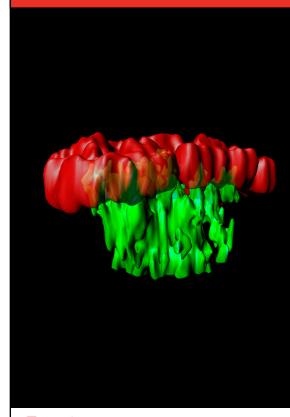
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On the cover

GPI-linked proteins (red) are transported directly from the TGN (green) to the apical surface in polarized epithelial cells. See pages 1023 and 1035.

1009 Stu2p binds tubulin and undergoes an open-to-closed conformational change Jawdat Al-Bassam, Mark van Breugel, Stephen C. Harrison, and Anthony Hyman 1023 GPI-anchored proteins are directly targeted to the apical surface in fully polarized MDCK cells Simona Paladino, Thomas Pocard, Maria Agata Catino, and Chiara Zurzolo Vectorial insertion of apical and basolateral membrane proteins in 1035 polarized epithelial cells revealed by quantitative 3D live cell imaging Wei Hua, David Sheff, Derek Toomre, and Ira Mellman 1045 CHMP5 is essential for late endosome function and down-regulation of receptor signaling during mouse embryogenesis Jae-Hyuck Shim, Changchun Xiao, Matthew S. Hayden, Ki-Young Lee, E. Sergio Trombetta, Marc Pypaert, Atsuki Nara, Tamotsu Yoshimori, Bettina Wilm, Hediye Erdjument-Bromage, Paul Tempst, Brigid L.M. Hogan, Ira Mellman, and Sankar Ghosh 1057 CpG-induced tyrosine phosphorylation occurs via a TLR9-independent mechanism and is required for cytokine secretion Miguel A. Sanjuan, Navin Rao, Kuei-Tai A. Lai, Yin Gu, Siquan Sun, Anja Fuchs, Wai-Ping Fung-Leung, Marco Colonna, and Lars Karlsson Two distinct cytoplasmic regions of the β_2 integrin chain regulate 1069 RhoA function during phagocytosis Agnès Wiedemann, Jayesh C. Patel, Jenson Lim, Andy Tsun, Yvette van Kooyk, and Emmanuelle Caron Novel role of neuronal Ca2+ sensor-1 as a survival factor up-regulated 1081 in injured neurons Tomoe Y. Nakamura, Andreas Jeromin, George Smith, Hideaki Kurushima, Hitoshi Koga, Yusaku Nakabeppu, Shigeo Wakabayashi, and Junichi Nabekura 1093 A "traffic control" role for TGFβ3: orchestrating dermal and epidermal

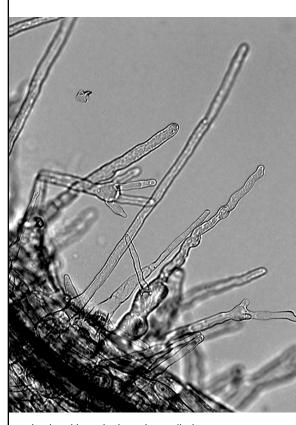
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Correction

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Balaji Bandyopadhyay, Jianhua Fan, Shengxi Guan, Yong Li, Mei Chen,



Bulged and branched root hair cells that display irregular changes in directional growth arise in the absence of PI-4K β 1/ β 2 activity in *A. thaliana*. See page 991.