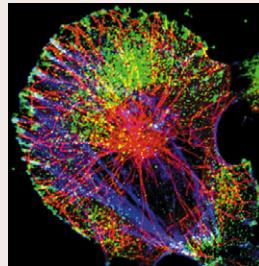


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Cover: Activation of endogenous Rac1 by cytotoxic necrotizing factor 1 (CNF1) drives endogenous caveolin 1 (green) towards peripheral adhesions at the end of F-actin cables (blue), which are also targeted by microtubules (red). See article by M. Nethe et al. (pp. 1948–1958).

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| <p>Sticky Wicket
1817 The Razor. Mole</p> <p>Cell Science at a Glance
1819 Argonaute proteins at a glance. Ender, C. and Meister, G.</p> <p>Commentaries
1825 The role of small non-coding RNAs in genome stability and chromatin organization. van Wolfswinkel, J. C. and Ketting, R. F.</p> <p>1841 Spatio-temporal Rho GTPase signaling – where are we now? Pertz, O.</p> <p>Research Articles
1851 Targeted localization of Inn1, Cyk3 and Chs2 by the mitotic-exit network regulates cytokinesis in budding yeast. Meitinger, F., Petrova, B., Mancini Lombardi, I., Bertazzi, D. T., Hub, B., Zentgraf, H. and Pereira, G.</p> <p>1862 A mitotic kinesin-6, Pav-KLP, mediates interdependent cortical reorganization and spindle dynamics in <i>Drosophila</i> embryos. Sommi, P., Ananthakrishnan, R., Cheerambathur, D. K., Kwon, M., Morales-Mulia, S., Brust-Mascher, I. and Mogilner, A.</p> <p>1873 Sulf1A and HGF regulate satellite-cell growth. Gill, R., Hitchins, L., Fletcher, F. and Dhoot, G. K.</p> <p>1884 Membrane wounding triggers ATP release and dysferlin-mediated intercellular calcium signaling. Covian-Nares, J. F., Koushik, S. V., Puhl, H. L., III and Vogel, S. S.</p> <p>1894 ADF/cofilin-driven actin dynamics in early events of <i>Leishmania</i> cell division. Tammana, T. V. S., Sahasrabuddhe, A. A., Bajpai, V. K. and Gupta, C. M.</p> <p>1902 Secretion is required for late events in the cell-fusion pathway of mating yeast. Grote, E.</p> <p>1913 Claudin-2, a component of the tight junction, forms a paracellular water channel. Rosenthal, R., Milatz, S., Krug, S. M., Oelrich, B., Schulzke, J.-D., Amasheh, S., Günzel, D. and Fromm, M.</p> <p>1922 LRP2 in ependymal cells regulates BMP signaling in the adult neurogenic niche. Gajera, C. R., Emich, H., Lioubinski, O., Christ, A., Beckervordersandforth-Bonk, R., Yoshikawa, K., Bachmann, S., Christensen, E. I., Götz, M., Kempermann, G., Peterson, A. S., Willnow, T. E. and Hammes, A.</p> | <p>1931 Bre1p-mediated histone H2B ubiquitylation regulates apoptosis in <i>Saccharomyces cerevisiae</i>. Walter, D., Matter, A. and Fahrenkrog, B.</p> <p>1940 Non-conducting function of the Kv2.1 channel enables it to recruit vesicles for release in neuroendocrine and nerve cells. Feinshreiber, L., Singer-Lahat, D., Friedrich, R., Matti, U., Sheinin, A., Yizhar, O., Nachman, R., Chikvashvili, D., Rettig, J., Ashery, U. and Lotan, I.</p> <p>1948 Focal-adhesion targeting links caveolin-1 to a Rac1-degradation pathway. Nethe, M., Anthony, E. C., Fernandez-Borja, M., Dee, R., Geerts, D., Hensbergen, P. J., Deelder, A. M., Schmidt, G. and Hordijk, P. L.</p> <p>1959 Meteorin promotes the formation of GFAP-positive glia via activation of the Jak-STAT3 pathway. Lee, H. S., Han, J., Lee, S.-H., Park, J. A. and Kim, K.-W.</p> <p>Author Corrections
1969 Antioxidant-induced modification of INrf2 cysteine 151 and PKC-δ-mediated phosphorylation of Nrf2 serine 40 are both required for stabilization and nuclear translocation of Nrf2 and increased drug resistance. Niture, S. K., Jain, A. K. and Jaiswal, A. K.</p> <p>1970 Na,K-ATPase in skeletal muscle: two populations of β-spectrin control localization in the sarcolemma but not partitioning between the sarcolemma and the transverse tubules. Williams, McR. W., Resneck, W. G., Kaysser, T., Ursitti, J. A., Birkenmeier, C. S., Barker, J. E. and Bloch, R. J.</p> |
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