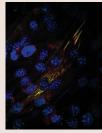
Contents

Journal of Cell Science

Volume 117 (4) 2004



Cover: Chaperone-associated myosin maturation complexes (yellow) detected in striated muscle cells. This confocal optical projection of differentiating mouse muscle cells reveals partially folded myosin (green) assembled into filaments and colocalizing with the molecular chaperone Hsp90 (red). Nuclei are stained blue with DAPI. See article by Srikakulam and Winkelmann (pp. 641-652).

jcs.biologists.org

Research Articles

- 535 Gene switching in *Amoeba proteus* caused by endosymbiotic bacteria. Jeon, T. J. and Jeon, K. W.
- 545 Swm1p subunit of the APC/cyclosome is required for activation of the daughter-specific gene expression program mediated by Ace2p during growth at high temperature in Saccharomyces cerevisiae. Ufano, S., Pablo, M. E., Calzada, A., del Rey, F. and Vázquez de Aldana, C. R.
- 559 Mechanism of recruiting Sec6/8 (exocyst) complex to the apical junctional complex during polarization of epithelial cells. Yeaman, C., Grindstaff, K. K. and Nelson, W. J.
- 571 Murine tenascin-W: a novel mammalian tenascin expressed in kidney and at sites of bone and smooth muscle development. Scherberich, A., Tucker, R. P., Samandari, E., Brown-Luedi, M., Martin, D. and Chiquet-Ehrismann, R.
- 583 Missense mutations in the globular tail of myosin-Va in *dilute* mice partially impair binding of Slac2-a/melanophilin. Fukuda, M. and Kuroda, T. S.
- 593 Trafficking of β₂-adrenergic receptors: insulin and β-agonists regulate internalization by distinct cytoskeletal pathways. Shumay, E., Gavi, S., Wang, H.-y. and Malbon, C. C.
- 601 A domain of Rad9 specifically required for activation of Chk1 in budding yeast. Blankley, R. T. and Lydall, D.
- 609 The tyrosine phosphatase DEP-1 induces cytoskeletal rearrangements, aberrant cell-substratum interactions and a reduction in cell proliferation Kellie S. Cragge G. Bird L.N.
- reduction in cell proliferation. Kellie, S., Craggs, G., Bird, I. N. and Jones, G. E.
- 619 A role for the spectrin superfamily member Syne-1 and kinesin II in cytokinesis. Fan, J. and Beck, K. A.
- 631 Mevalonate kinase is a cytosolic enzyme in humans. Hogenboom, S., Tuyp, J. J. M., Espeel, M., Koster, J., Wanders, R. J. A. and Waterham, H. R.
- 641 Chaperone-mediated folding and assembly of myosin in
- striated muscle. Srikakulam, R. and Winkelmann, D. A.

Cell Science at a Glance

515 DNA repair. Fleck, O. and Nielsen, O.

Women in Cell Science

519 Anna Starzinski-Powitz. Watt, F. M.

Commentaries

- 521 Model organisms lead the way to protein palmitoyltransferases. Linder, M. E. and Deschenes, R. J.
- 527 Planar polarity from flies to vertebrates. Fanto, M. and McNeill, H.

