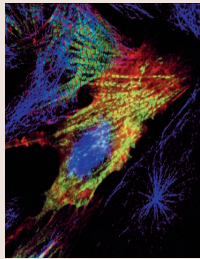


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Cover: Differentiated embryonic cardiomyocytes can undergo cytokinesis. While the spindle (blue) assembles, myofibrils are sequentially disassembled. In the metaphase cell (centre) the Z-disk component α -actinin (red) is diffuse, while the thick filament protein MyBP-C (green) remains assembled. In the non-dividing cell (upper left) perfect sarcomeres prevail and interphase microtubules are present. See article by P. Ahuja et al. (pp. 3295-3306).

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- 3095 **Localization and regulation of SR-BI in membrane rafts of HepG2 cells.** Rhoads, D., Bourgeois, P., Bourret, G., Huard, K., Falstra, L. and Brissette, L.
- 3107 **Rab11 regulates the recycling and lysosome targeting of β_2 -adrenergic receptors.** Moore, R. H., Millman, E. E., Alpizar-Foster, E., Dai, W. and Knoll, B. J.
- 3119 **Synaptotagmin V and IX isoforms control Ca^{2+} -dependent insulin exocytosis.** Iezzi, M., Kouri, G., Fukuda, M. and Wollheim, C. B.
- 3129 **Desmoplakin is required for microvascular tube formation in culture.** Zhou, X., Stuart, A., Dettin, L. E., Rodriguez, G., Hoel, B. and Gallicano, G. I.
- 3141 **The necessity of mitochondrial genome DNA for normal development of *Dictyostelium* cells.** Chida, J., Yamaguchi, H., Amagai, A. and Maeda, Y.
- 3153 **Biological length scale topography enhances cell-substratum adhesion of human corneal epithelial cells.** Karuri, N. W., Liliensiek, S., Teixeira, A. I., Abrams, G., Campbell, S., Nealey, P. F. and Murphy, C. J.
- 3165 **Notch signaling controls hepatoblast differentiation by altering the expression of liver-enriched transcription factors.** Tanimizu, N. and Miyajima, A.
- 3175 **Muscle-specific RING finger-2 (MURF-2) is important for microtubule, intermediate filament and sarcomeric M-line maintenance in striated muscle development.** McElhinny, A. S., Perry, C. N., Witt, C. C., Labeit, S. and Gregorio, C. C.
- 3189 **Fibroblast growth factor 2 endocytosis in endothelial cells proceed via syndecan-4-dependent activation of Rac1 and a Cdc42-dependent macropinocytic pathway.** Tkachenko, E., Lutgens, E., Stan, R.-V. and Simons, M.
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- 3221 **Farnesyltransferase inhibitors disrupt EGF receptor traffic through modulation of the RhoB GTPase.** Wherlock, M., Gampel, A., Futter, C. and Mellor, H.
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- 3271 **Overexpression of myosin IB in living *Entamoeba histolytica* enhances cytoplasm viscosity and reduces phagocytosis.** Marion, S., Wilhelm, C., Voigt, H., Bacri, J. C. and Guillén, N.
- 3281 **Enhanced podocalyxin expression alters the structure of podocyte basal surface.** Economou, C. G., Kitsiou, P. V., Tzinia, A. K., Panagopoulou, E., Marinos, E., Kershaw, D. B., Kerjaschki, D. and Tsilibary, E. C.
- 3295 **Sequential myofibrillar breakdown accompanies mitotic division of mammalian cardiomyocytes.** Ahuja, P., Perriard, E., Perriard, J.-C. and Ehler, E.
- 3307 **The apical and basal environments of the retinal pigment epithelium regulate the maturation of tight junctions during development.** Rahner, C., Fukuhara, M., Peng, S., Kojima, S. and Rizzolo, L. J.
- 3319 **ALK receptor tyrosine kinase promotes cell growth and neurite outgrowth.** Motegi, A., Fujimoto, J., Kotani, M., Sakuraba, H. and Yamamoto, T.
- 3331 **Stem domains of heparan sulfate 6-O-sulfotransferase are required for Golgi localization, oligomer formation and enzyme activity.** Nagai, N., Habuchi, H., Esko, J. D. and Kimata, K.
- 3343 ***S. pombe* meiotic linear elements contain proteins related to synaptonemal complex components.** Lorenz, A., Wells, J. L., Pryce, D. W., Novatchkova, M., Eisenhaber, F., McFarlane, R. J. and Loidl, J.
- 3353 **The lateral mobility of NHE3 on the apical membrane of renal epithelial OK cells is limited by the PDZ domain proteins NHERF1/2, but is dependent on an intact actin cytoskeleton as determined by FRAP.** Cha, B., Kenworthy, A., Murtazina, R. and Donowitz, M.
- 3367 **Myopathy mutations in α -skeletal-muscle actin cause a range of molecular defects.** Costa, C. F., Rommelaere, H., Waterschoot, D., Sethi, K. K., Nowak, K. J., Laing, N. G., Ampe, C. and Machesky, L. M.
- 3379 **CD9-mediated activation of the p46 Shc isoform leads to apoptosis in cancer cells.** Murayama, Y., Miyagawa, J.-i., Oritani, K., Yoshida, H., Yamamoto, K., Kishida, O., Miyazaki, T., Tsutsui, S., Kiyohara, T., Miyazaki, Y., Higashiyama, S., Matsuzawa, Y. and Shinomura, Y.
- 3389 **Crosslinking and G-protein functions of transglutaminase 2 contribute differentially to fibroblast wound healing responses.** Stephens, P., Grenard, P., Aeschlimann, P., Langley, M., Blain, E., Errington, R., Kipling, D., Thomas, D. and Aeschlimann, D.

Author Correction

- 3405 **NLS-dependent nuclear localization of p120^{cas} is necessary to relieve Kaiso-mediated transcriptional repression.** Kelly, K. F., Spring, C. M., Otchere, A. A. and Daniel, J. M.