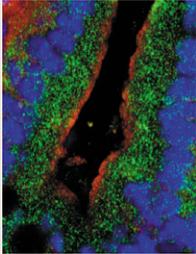


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**Cover:** Cryosections of mouse small intestine were stained with antibodies against the long-chain fatty acyl-CoA synthetase FATP4 (green) and the apical marker protein alkaline phosphatase (red). Nuclei of the intestinal epithelium were visualized by Hoechst 33342 dye (blue). See article by Milger et al. (pp. 4678-4688).

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## Research Articles

- 4623 **Tyrosine phosphorylation of p145<sup>met</sup> mediated by EGFR and Src is required for serum-independent survival of human bladder carcinoma cells.** Yamamoto, N., Mammadova, G., Song, R. X.-D., Fukami, Y. and Sato, K.
- 4634 **Junctional expression of the prion protein PrP<sup>C</sup> by brain endothelial cells: a role in trans-endothelial migration of human monocytes.** Viegas, P., Chaverot, N., Enslin, H., Perrière, N., Couraud, P.-O. and Cazaubon, S.
- 4644 **DNA damage responses in progeroid syndromes arise from defective maturation of prelamin A.** Liu, Y., Rusinol, A., Sinensky, M., Wang, Y. and Zou, Y.
- 4650 **ARAP2 effects on the actin cytoskeleton are dependent on Arf6-specific GTPase-activating protein activity and binding to RhoA-GTP.** Yoon, H.-Y., Miura, K., Cuthbert, E. J., Davis, K. K., Ahvazi, B., Casanova, J. E. and Randazzo, P. A.
- 4667 **Methylation of histone H3 at Lys4 differs between paternal and maternal chromosomes in *Sciara ocellaris* germline development.** Greciano, P. G. and Goday, C.
- 4678 **Cellular uptake of fatty acids driven by the ER-localized acyl-CoA synthetase FATP4.** Milger, K., Herrmann, T., Becker, C., Gotthardt, D., Zickwolf, J., Ehehalt, R., Watkins, P. A., Stremmel, W. and Füllekrug, J.
- 4689 **GRIF1 binds Hrs and is a new regulator of endosomal trafficking.** Kirk, E., Chin, L.-S. and Li, L.
- 4702 **Protein-kinase-C-mediated  $\beta$ -catenin phosphorylation negatively regulates the Wnt/ $\beta$ -catenin pathway.** Gwak, J., Cho, M., Gong, S.-J., Won, J., Kim, D.-E., Kim, E.-Y., Lee, S. S., Kim, M., Kim, T. K., Shin, J.-G. and Oh, S.
- 4710 **Pom1 kinase links division plane position to cell polarity by regulating Mid1p cortical distribution.** Celton-Morizur, S., Racine, V., Sibarita, J.-B. and Paoletti, A.
- 4719 **Re-programming of newt cardiomyocytes is induced by tissue regeneration.** Laube, F., Heister, M., Scholz, C., Borchardt, T. and Braun, T.

## Cell Science at a Glance

- 4585 **The budding yeast endocytic pathway.** Toret, C. P. and Drubin, D. G.

## Commentaries

- 4589 **Actin regulation in endocytosis.** Smythe, E. and Ayscough, K. R.
- 4599 **Cinderella no longer:  $\alpha$ -catenin steps out of cadherin's shadow.** Scott, J. A. and Yap, A. S.
- 4607 **Diverse physiological functions for dual-specificity MAP kinase phosphatases.** Dickinson, R. J. and Keyse, S. M.

## Short Report

- 4617 **p63 is upstream of IKK $\alpha$  in epidermal development.** Candi, E., Terrinoni, A., Rufini, A., Chikh, A., Lena, A. M., Suzuki, Y., Sayan, B. S., Knight, R. A. and Melino, G.

- 4730 **Genetic and molecular interactions of the Erv41p-Erv46p complex involved in transport between the endoplasmic reticulum and Golgi complex.** Welsh, L. M., Tong, A. H. Y., Boone, C., Jensen, O. N. and Otte, S.
- 4741 **Influx of extracellular Ca<sup>2+</sup> is necessary for electrotaxis in *Dictyostelium*.** Shanley, L. J., Walczysko, P., Bain, M., MacEwan, D. J. and Zhao, M.
- 4749 **Multiple domains in Siz SUMO ligases contribute to substrate selectivity.** Reindle, A., Belichenko, I., Bylebyl, G. R., Chen, X. L., Gandhi, N. and Johnson, E. S.
- 4758 **Macropinocytosis: regulated coordination of endocytic and exocytic membrane traffic events.** Falcone, S., Cocucci, E., Podini, P., Kirchhausen, T., Clementi, E. and Meldolesi, J.
- 4770 **Kinesin 6 family member Subito participates in mitotic spindle assembly and interacts with mitotic regulators.** Cesario, J. M., Jang, J. K., Redding, B., Shah, N., Rahman, T. and McKim, K. S.
- 4781 **Insights into cytoskeletal behavior from computational modeling of dynamic microtubules in a cell-like environment.** Gregoret, I. V., Margolin, G., Alber, M. S. and Goodson, H. V.

## Author Correction

- 4789 **Host cell Ca<sup>2+</sup> and protein kinase C regulate innate recognition of *Toxoplasma gondii*.** Masek, K. S., Fiore, J., Leitges, M., Yan, S.-F., Freedman, B. D. and Hunter, C. A.