



Cover: Confocal image of a neuronal NSC34 cell line transiently expressing a GFP-tagged IRSp53 chimera (L27-IRSp53Δ5) and stained for actin (red), showing localisation of the chimera to filopodia and its tip enrichment, which are required for formation of filopodia. See article by A. Crespi et al. (pp. 4543–4554).

Volume 125 (19) October 1, 2012

- Sticky Wicket**
 4415 **My total fave. Mole**
- Cell Science at a Glance**
 4417 **Early events in cell adhesion and polarity during epithelial-mesenchymal transition.** Huang, R. Y.-J., Guilford, P. and Thiery, J. P.
- Commentaries**
 4423 **Cell cycle regulation by the NEK family of protein kinases.** Fry, A. M., O'Regan, L., Sabir, S. R. and Bayliss, R.
 4435 **Cell surface dynamics – how Rho GTPases orchestrate the interplay between the plasma membrane and the cortical cytoskeleton.** de Curtis, I. and Meldolesi, J.
 4445 **The where, when and how of microtubule nucleation – one ring to rule them all.** Teixidó-Travesa, N., Roig, J. and Lüders, J.
- Short Report**
 4457 **The conserved kinase SRPK regulates karyosome formation and spindle microtubule assembly in *Drosophila* oocytes.** Loh, B. J., Cullen, C. F., Vogt, N. and Ohkura, H.
- Research Articles**
 4463 **Ubiquitylation of the chemokine receptor CCR7 enables efficient receptor recycling and cell migration.** Schaeuble, K., Hauser, M. A., Rippl, A. V., Bruderer, R., Otero, C., Groettrup, M. and Legler, D. F.
 4475 **Lipocalin 2, the TNF-like receptor TWEAKR and its ligand TWEAK act downstream of NFAT1 to regulate breast cancer cell invasion.** Gaudineau, B., Fougère, M., Guaddachi, F., Lemoine, F., de la Grange, P. and Jauliac, S.
 4487 **Heat induction of a novel Rad9 variant from a cryptic translation initiation site reduces mitotic commitment.** Janes, S., Schmidt, U., Ashour Garrido, K., Ney, N., Concilio, S., Zekri, M. and Caspari, T.
 4498 **The residence time of focal adhesion kinase (FAK) and paxillin at focal adhesions in renal epithelial cells is determined by adhesion size, strength and life cycle status.** Le Dévédec, S. E., Geverts, B., de Bont, H., Yan, K., Verbeek, F. J., Houtsmuller, A. B. and van de Water, B.
 4507 **A novel mechanism of control of NFκB activation and inflammation involving A_{2B} adenosine receptors.** Sun, Y., Duan, Y., Eisenstein, A. S., Hu, W., Quintana, A., Lam, W. K., Wang, Y., Wu, Z., Ravid, K. and Huang, P.
 4518 **Regulation of dendritic arborization by BCR Rac1 GTPase-activating protein, a substrate of PTPRT.** Park, A.-R., Oh, D., Lim, S.-H., Choi, J., Moon, J., Yu, D.-Y., Park, S. G., Heisterkamp, N., Kim, E., Myung, P.-K. and Lee, J.-R.
 4532 **Post-mitotic dynamics of pre-nucleolar bodies is driven by pre-rRNA processing.** Carron, C., Balor, S., Delavoie, F., Plisson-Chastang, C., Faubladiet, M., Gleizes, P.-E. and O'Donohue, M.-F.
 4543 **LIN7 regulates the filopodium- and neurite-promoting activity of IRSp53.** Crespi, A., Ferrari, I., Lonati, P., Disanza, A., Fornasari, D., Scita, G., Padovano, V. and Pietrini, G.
 4555 **Quantitative proteomics and dynamic imaging reveal that G3BP-mediated stress granule assembly is poly(ADP-ribose)-dependent following exposure to MNNG-induced DNA alkylation.** Isabelle, M., Gagné, J.-P., Gallouzi, I.-E. and Poirier, G. G.
 4567 **Constitutive lysosome exocytosis releases ATP and engages P2Y receptors in human monocytes.** Sivaramakrishnan, V., Bidula, S., Campwala, H., Katikaneni, D. and Fountain, S. J.
 4576 **The proteomic analysis of endogenous FAT10 substrates identifies p62/SQSTM1 as a substrate of FAT10ylation.** Aichem, A., Kalveram, B., Spinnenhirn, V., Kluge, K., Catone, N., Johansen, T. and Groettrup, M.
 4586 **Competition between the golgin Imh1p and the GAP Gcs1p stabilizes activated Arl1p at the late-Golgi.** Chen, K.-Y., Tsai, P.-C., Liu, Y.-W. and Lee, F.-J. S.
 4597 **The distinct interaction between cell cycle regulation and the widely conserved morphogenesis-related (MOR) pathway in the fungus *Ustilago maydis* determines morphology.** Sartorel, E. and Pérez-Martín, J.
 4609 **Schwann cell myelination requires integration of laminin activities.** McKee, K. K., Yang, D.-H., Patel, R., Chen, Z.-L., Strickland, S., Takagi, J., Sekiguchi, K. and Yurchenco, P. D.
 4620 **Identification of CD23 as a functional receptor for the proinflammatory cytokine AIMP1/p43.** Kwon, H.-S., Park, M. C., Kim, D. G., Cho, K., Park, Y. W., Han, J. M. and Kim, S.
 4630 **Super-resolution imaging reveals three-dimensional folding dynamics of the β-globin locus upon gene activation.** van de Corput, M. P. C., de Boer, E., Knoch, T. A., van Cappellen, W. A., Quintanilla, A., Ferrand, L. and Grosveld, F. G.
 4640 **Human mesenchymal stem cells shift CD8+ T cells towards a suppressive phenotype by inducing tolerogenic monocytes.** Hof-Nahor, I., Leshansky, L., Shvitiel, S., Eldor, L., Aberdam, D., Itskovitz-Eldor, J. and Berrih-Aknin, S.
 4651 **Kinome profiling of non-canonical TRAIL signaling reveals RIP1–Src–STAT3-dependent invasion in resistant non-small cell lung cancer cells.** Azijli, K., Yuvaraj, S., Peppelenbosch, M. P., Würdinger, T., Dekker, H., Joore, J., van Dijk, E., Quax, W. J., Peters, G. J., de Jong, S. and Kruyt, F. A. E.
 4662 **ZNRF2 is released from membranes by growth factors and, together with ZNRF1, regulates the Na⁺/K⁺ATPase.** Hoxhaj, G., Najafav, A., Toth, R., Campbell, D. G., Prescott, A. R. and MacKintosh, C.
 4676 **MLL5 maintains genomic integrity by regulating the stability of the chromosomal passenger complex through a functional interaction with Borealin.** Liu, J., Cheng, F. and Deng, L.-W.
Erratum
 4686 **SUMOylation of HNF4α regulates protein stability and hepatocyte function.** Zhou, W., Hannoun, Z., Jaffray, E., Medine, C. N., Black, J. R., Greenhough, S., Zhu, L., Ross, J. A., Forbes, S., Wilmut, I., Iredale, J. P., Hay, R. T. and Hay, D. C.