



Cover: BAE cell assembling a fibronectin matrix as it migrates. The image shows a bovine aortic endothelial (BAE) cell that was stained with antibodies against fibronectin (red), F-actin (green) and cortactin (blue). It was taken with a 40× objective 6 hours after adhesion. See article by Cseh et al. (pp. 3989-3999).

- Sticky Wicket**
- 3829 **Loose lips sink (fellow)ships?** X-Gal
- Cell Science at a Glance**
- 3831 **Caveolae at a glance.** Bastiani, M. and Parton, R. G.
- Commentaries**
- 3837 **Mammalian circadian clock and metabolism – the epigenetic link.** Bellet, M. M. and Sassone-Corsi, P.
- 3849 **The mitochondrial UPR – protecting organelle protein homeostasis.** Haynes, C. M. and Ron, D.
- Short Report**
- 3857 **Competition between SOCS36E and Drk modulates Sevenless receptor tyrosine kinase activity.** Almudi, I., Corominas, M. and Serras, F.
- Research Articles**
- 3863 **Transcriptional regulation of ferritin and antioxidant genes by HIPK2 under genotoxic stress.** Hailemariam, K., Iwasaki, K., Huang, B.-W., Sakamoto, K. and Tsuji, Y.
- 3872 **Defective granulation tissue formation in mice with specific ablation of integrin-linked kinase in fibroblasts – role of TGFβ1 levels and RhoA activity.** Blumbach, K., Zweers, M. C., Brunner, G., Peters, A. S., Schmitz, M., Schulz, J.-N., Schild, A., Denton, C. P., Sakai, T., Fässler, R., Krieg, T. and Eckes, B.
- 3884 **Dynamic instability of the intracellular pressure drives bleb-based motility.** Maugis, B., Brugués, J., Nassoy, P., Guillen, N., Sens, P. and Amblard, F.
- 3893 **Specific phosphorylation of Ser458 of A-type lamins in LMNA-associated myopathy patients.** Mitsunashi, H., Hayashi, Y. K., Matsuda, C., Noguchi, S., Wakatsuki, S., Araki, T. and Nishino, I.
- 3901 **Kinectin-mediated endoplasmic reticulum dynamics supports focal adhesion growth in the cellular lamella.** Zhang, X., Tee, Y. H., Heng, J. K., Zhu, Y., Hu, X., Margadant, F., Ballestrem, C., Bershadsky, A., Griffiths, G. and Yu, H.
- 3913 **ADAM17 is regulated by a rapid and reversible mechanism that controls access to its catalytic site.** Le Gall, S. M., Maretzky, T., Issuree, P. D. A., Niu, X.-D., Reiss, K., Saftig, P., Khokha, R., Lundell, D. and Blobel, C. P.
- 3923 **Oncogenic Src requires a wild-type counterpart to regulate invadopodia maturation.** Kelley, L. C., Ammer, A. G., Hayes, K. E., Martin, K. H., Machida, K., Jia, L., Mayer, B. J. and Weed, S. A.
- 3933 **Cdc14p resets the competency of replication licensing by dephosphorylating multiple initiation proteins during mitotic exit in budding yeast.** Zhai, Y., Yung, P. Y. K., Huo, L. and Liang, C.
- 3944 **Specific proteolytic cleavage of agrin regulates maturation of the neuromuscular junction.** Bolliger, M. F., Zurlinden, A., Lüscher, D., Bütikofer, L., Shakhova, O., Francolini, M., Kozlov, S. V., Cinelli, P., Stephan, A., Kistler, A. D., Rüllicke, T., Pelczar, P., Ledermann, B., Fumagalli, G., Gloor, S. M., Kunz, B. and Sonderegger, P.
- 3956 **The AP-1 family member FOS blocks transcriptional activity of the nuclear receptor steroidogenic factor 1.** Sirianni, R., Nogueira, E., Bassett, M. H., Carr, B. R., Suzuki, T., Pezzi, V. Andò, S. and Rainey, W. E.
- 3966 **The AP-1 clathrin adaptor facilitates cilium formation and functions with RAB-8 in *C. elegans* ciliary membrane transport.** Kaplan, O. I., Molla-Herman, A., Cevik, S., Ghossoub, R., Kida, K., Kimura, Y., Jenkins, P., Martens, J. R., Setou, M., Benmerah, A. and Blacque, O. E.
- 3978 **A single starfish Aurora kinase performs the combined functions of Aurora-A and Aurora-B in human cells.** Abe, Y., Okumura, E., Hosoya, T., Hirota, T. and Kishimoto, T.
- 3989 **Autocrine fibronectin directs matrix assembly and crosstalk between cell–matrix and cell–cell adhesion in vascular endothelial cells.** Cseh, B., Fernandez-Sauze, S., Grall, D., Schaub, S., Doma, E. and Van Obberghen-Schilling, E.
- Erratum**
- 4000 **Kinesins at a glance.** Endow, S. A., Kull, F. J. and Liu, H.