



Cover: Mitotic MCF10A cells were imaged by confocal microscopy. One side of the mirrored layout shows the distribution of Scribble (cyan) and E-cadherin (magenta) from mitotic cortex to the extension of retraction fibres, and the opposite side shows F-actin (black). See article by A. S. Chann et al. (jcs260547).

EDITORIAL

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Way, M.

jcs260914

CELL SCIENTISTS TO WATCH

Cell scientist to watch – Benjamin Towbin

jcs260899

REVIEWS

Complexity and self-organization in the evolution of cell polarization

Glazenburg, M. M. and Laan, L.

jcs259639

Three's a crowd – why did three N-terminal methyltransferases evolve for one job?

Conner, M. M. and Schaner Tooley, C. E.

jcs260424

RESEARCH ARTICLES

Matrix stiffness regulates Notch signaling activity in endothelial cells

Kretschmer, M., Mamistvalov, R., Sprinzak, D., Vollmar, A. M. and Zahler, S.

jcs260442

AMG232 inhibits angiogenesis in glioma through the p53–RBM4–VEGFR2 pathway

Xiao, Y., Li, M., Ma, T., Ning, H. and Liu, L.

jcs260270

A member of the claudin superfamily influences formation of the front domain in pheromone-responding yeast cells

Sukumar, M., DeFlorio, R., Pai, C.-Y. and Stone, D. E.

jcs260048

CCDC86 is a novel Ki-67-interacting protein important for cell division

Stamatiou, K., Chmielewska, A., Ohta, S., Earnshaw, W. C. and Vagnarelli, P.

jcs260391

Functional crosstalk between the TIM22 complex and YME1 machinery maintains mitochondrial proteostasis and integrity

Kumar, A., Waingankar, T. P. and D'Silva, P.

jcs260060

SART3 associates with a post-splicing complex

Klimešová, K., Petržílková, H., Bařínka, C. and Staněk, D.

jcs260380

Cardiomyocyte differentiation from human induced pluripotent stem cells is delayed following knockout of Bcl-2

Vervliet, T., Duelen, R., Pradhan, A., La Rovere, R., Roderick, H. L. and Sampaolesi, M.

jcs260216

Reorganization of the DNA replication landscape during adipogenesis is closely linked with adipogenic gene expression

Hayakawa, T., Yamamoto, A., Yoneda, T., Hori, S., Okochi, N., Kagotani, K., Okumura, K. and Takebayashi, S.

jcs260778

Distinct role of ERp57 and ERdj5 as a disulfide isomerase and reductase during ER protein folding

Robinson, P. J., Pringle, M. A., Fleming, B. and Bulleid, N. J.

jcs260656

The mitotic role of adenomatous polyposis coli requires its bilateral interaction with tubulin and microtubules

Serre, L., Delaroche, J., Vinit, A., Schoehn, G., Denarier, E., Fourest-Lieuvin, A. and Arnal, I.

jcs260152

Scribble and E-cadherin cooperate to control symmetric daughter cell positioning by multiple mechanisms

Chann, A. S., Chen, Y., Kinwel, T., Humbert, P. O. and Russell, S. M.

jcs260547

Endosomal vesicle fusion machinery is involved with the contractile vacuole in *Dictyostelium discoideum*

Manna, P. T., Barlow, L. D., Ramirez-Macias, I., Herman, E. K. and Dacks, J. B.

jcs260477

The fission yeast kinetochore complex Mhf1–Mhf2 regulates the spindle assembly checkpoint and faithful chromosome segregation

Jian, Y., Nie, L., Liu, S., Jiang, Y., Dou, Z., Liu, X., Yao, X. and Fu, C.

jcs260124

FIRST PERSON

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