



Cover: A confocal image of the infundibulum region of the mouse oviduct epithelium. Adult oviduct was stained for ZO1 (green), γ -tubulin (green) and Odf2 (red), and with Hoechst (blue). Two folds can be found in the image. The multiciliated cells, with around 150 basal bodies, are visualized with γ -tubulin and Odf2 as small dots, and secreted cells are seen with large two dots of γ -tubulin. In the multiciliated cells, basal bodies are aligned, and cilia make directional movements, which are coordinated within each cell, as well as between cells, to enable transportation of eggs from ovary to the uterus. See article by F. M. Usami et al. (jcs257006).

STICKY WICKETS

Corona XXIX – four minutes

Mole

jcs258472

Corona XXX – speechless

Mole

jcs258473

FIRST PERSON

First person – Srinivas Animireddy

jcs258443

First person – Georgios Efthymiou

jcs258478

First person – Corrine Kliment

jcs258477

First person – Mélody Wintrebert

jcs258481

First person – Mirjana Malnar

jcs258476

First person – Sarah O’Keefe

jcs258479

REVIEWS

Tensins – emerging insights into their domain functions, biological roles and disease relevance

Liao, Y.-C. and Lo, S. H.

jcs254029

Innate immune receptor clustering and its role in immune regulation

Li, M. and Yu, Y.

jcs249318

Cytoskeletal mechanics and dynamics in the *Drosophila* syncytial embryo

Lv, Z., de-Carvalho, J., Telley, I. A. and Großhans, J.

jcs246496

SHORT REPORT

Ipomoeassin-F inhibits the *in vitro* biogenesis of the SARS-CoV-2 spike protein and its host cell membrane receptor

O’Keefe, S., Roboti, P., Duah, K. B., Zong, G., Schneider, H., Shi, W. Q. and High, S.

jcs257758

RESEARCH ARTICLES

Aberrant cytoplasmic localization of ARID1B activates ERK signaling and promotes oncogenesis

Animireddy, S., Kavadiyala, P., Kotapalli, V., Gowrishankar, S., Rao, S. and Bashyam, M. D.

jcs251637

Vacuolar protein Tag1 and Atg1–Atg13 regulate autophagy termination during persistent starvation in *S. cerevisiae*

Kira, S., Noguchi, M., Araki, Y., Oikawa, Y., Yoshimori, T., Miyahara, A. and Noda, T.

jcs253682

Adenine nucleotide translocase regulates airway epithelial metabolism, surface hydration and ciliary function

Kliment, C. R., Nguyen, J. M. K., Kaltreider, M. J., Lu, Y., Claypool, S. M., Radder, J. E., Sciarba, F. C., Zhang, Y., Gregory, A. D., Iglesias, P. A., Sidhaye, V. K. and Robinson, D. N.

jcs257162

Fibronectin Extra Domains tune cellular responses and confer topographically distinct features to fibril networks

Efthymiou, G., Radwanska, A., Grapa, A.-I., Beghelli-de la Forest Divonne, S., Grall, D., Schaub, S., Hattab, M., Pisano, S., Poet, M., Pisani, D. F., Counillon, L., Descombes, X., Blanc-Féraud, L. and Van Obberghen-Schilling, E.

jcs252957

Intercellular and intracellular cilia orientation is coordinated by CELSR1 and CAMSAP3 in oviduct multi-ciliated cells

Usami, F. M., Arata, M., Shi, D., Oka, S., Higuchi, Y., Tissir, F., Takeichi, M. and Fujimori, T.

jcs257006

Quantitative intravital imaging in zebrafish reveals *in vivo* dynamics of physiological-stress-induced mitophagy

Wrighton, P. J., Schwartz, A., Heo, J.-M., Quenzer, E. D., LaBella, K. A., Harper, J. W. and Goessling, W.

jcs256255

Activation of meiotic recombination by nuclear import of the DNA break hotspot-determining complex in fission yeast

Wintrebert, M., Nguyen, M.-C. and Smith, G. R.

jcs253518

The role of iclL-1RA in keratinocyte senescence and development of the senescence-associated secretory phenotype
Niklander, S. E., Crane, H. L., Darda, L., Lambert, D. W. and Hunter, K. D.
jcs252080

Circulating prostate cancer cells have differential resistance to fluid shear stress-induced cell death
Hope, J. M., Bersi, M. R., Dombroski, J. A., Clinch, A. B., Pereles, R. S., Merryman, W. D. and King, M. R.
jcs251470

Importin α phosphorylation promotes TPX2 activation by GM130 to control astral microtubules and spindle orientation
Guo, H., Wei, J.-H., Zhang, Y. and Seemann, J.
jcs258356

SFPQ regulates the accumulation of RNA foci and dipeptide repeat proteins from the expanded repeat mutation in *C9orf72*
Malnar, M. and Rogelj, B.
jcs256602

The 5-HT₄ receptor interacts with adhesion molecule L1 to modulate morphogenic signaling in neurons
Sonnenberg, S. B., Rauer, J., Göhr, C., Gorinski, N., Schade, S. K., Abdel Galil, D., Naumenko, V., Zeug, A., Bischoff, S. C., Ponimaskin, E. and Guseva, D.
jcs249193

Distinct epithelial-to-mesenchymal transitions induced by *PIK3CA*^{H1047R} and *PIK3CB*
Gjelaj, E. and Hamel, P. A.
jcs248294