



**Cover:** Immunostaining of accumulated acetylated tubulin (yellow) in conditionally reprogrammed primary human bronchial epithelial cells (CR-HBE) following differentiation for 4 weeks at air-liquid interface (actin is shown in magenta). This model was included in the characterization of the CFTR transcytotic pathway. See article by A. Bidaud-Meynard et al. (jcs226886).

## STICKY WICKET

The Gift  
Mole

jcs234112

## FIRST PERSON

First person – Samantha Salvage

jcs233916

First person – Yasuha Kinugasa

jcs233585

First person – Abhishek Chadha

jcs233577

## REVIEWS

Regulation of Cdc42 and its effectors in epithelial morphogenesis

**Pichaud, F., Walther, R. F. and Nunes de Almeida, F.**

jcs217869

CORVET, CHEVI and HOPS – multisubunit tethers of the endo-lysosomal system in health and disease

**van der Beek, J., Jonker, C., van der Welle, R., Liv, N. and Klumperman, J.**

jcs189134

## RESEARCH ARTICLES

Ion channel gating in cardiac ryanodine receptors from the arrhythmic RyR2-P2328S mouse

**Salvage, S. C., Gallant, E. M., Beard, N. A., Ahmad, S., Valli, H., Fraser, J. A., Huang, C. L.-H. and Dulhunty, A. F.**

jcs229039

FKBP12 mediates necroptosis by initiating RIPK1–RIPK3–MLKL signal transduction in response to TNF receptor 1 ligation

**Wang, Z., Feng, J., Yu, J. and Chen, G.**

jcs227777

Dkk1 exacerbates doxorubicin-induced cardiotoxicity by inhibiting the Wnt/ $\beta$ -catenin signaling pathway

**Liang, L., Tu, Y., Lu, J., Wang, P., Guo, Z., Wang, Q., Guo, K., Lan, R., Li, H. and Liu, P.**

jcs228478

Connexin 43 maintains tissue polarity and regulates mitotic spindle orientation in the breast epithelium

**Bazzoun, D., Adissu, H. A., Wang, L., Urazaev, A., Tenvooren, I., Fostok, S. F., Chittiboyina, S., Sturgis, J., Hodges, K., Chandramouly, G., Vidi, P.-A., Talhouk, R. S. and Lelièvre, S. A.**

jcs223313

Microtubule nucleation during central spindle assembly requires NEDD1 phosphorylation on serine 405 by Aurora A

**Courthéoux, T., Rebutier, D., Vazeille, T., Cremet, J.-Y., Benaud, C., Vernos, I. and Prigent, C.**

jcs231118

The very-long-chain fatty acid elongase Elo2 rescues lethal defects associated with loss of the nuclear barrier function in fission yeast cells

**Kinugasa, Y., Hirano, Y., Sawai, M., Ohno, Y., Shindo, T., Asakawa, H., Chikashige, Y., Shibata, S., Kihara, A., Haraguchi, T. and Hiraoka, Y.**

jcs229021

The route of the visual receptor rhodopsin along the cilium

**Chadha, A., Volland, S., Baliaouri, N. V., Tran, E. M. and Williams, D. S.**

jcs229526

Transcytosis maintains CFTR apical polarity in the face of constitutive and mutation-induced basolateral missorting

**Bidaud-Meynard, A., Bossard, F., Schnúr, A., Fukuda, R., Veit, G., Xu, H. and Lukacs, G. L.**

jcs226886

Catabolic activity of osteoblast lineage cells contributes to osteoclastic bone resorption *in vitro*

**Pirapaharan, D. C., Olesen, J. B., Andersen, T. L., Christensen, S. B., Kjærsgaard-Andersen, P., Delaisse, J.-M. and Søe, K.**

jcs229351

STIM1 phosphorylation at Y<sup>316</sup> modulates its interaction with SARAF and the activation of SOCE and  $I_{CRAC}$

**Lopez, E., Frischauf, I., Jardin, I., Derler, I., Muik, M., Cantonero, C., Salido, G. M., Smani, T., Rosado, J. A. and Redondo, P. C.**

jcs226019

Homeostasis of soluble proteins and the proteasome post nuclear envelope reformation in mitosis

**Spits, M., Janssen, L. J., Voortman, L. M., Kooij, R., Neeffjes, A. C. M., Ovaa, H. and Neeffjes, J.**

jcs225524

A unique role for clathrin light chain A in cell spreading and migration

**Tsygankova, O. M. and Keen, J. H.**

jcs224030

**PUBLISHER'S NOTE**

Expression of Concern: Gene trap analysis of germ cell signaling to Sertoli cells: NGF-TrkA mediated induction of Fra1 and Fos by post-meiotic germ cells

**Vidal, F., Lopez, P., Lopez-Fernandez, L. A., Ranc, F., Scimeca, J. C., Cuzin, F. and Rassoulzadegan, M.**

jcs233692

**CORRECTION**

Correction: A synthetic biology platform for the reconstitution and mechanistic dissection of LINC complex assembly (doi:10.1242/jcs.219451)

**Majumder, S., Willey, P. T., DeNies, M. S., Liu, A. P. and Luxton, G. W. G.**

jcs234153