



Cover: Winning image of the European Light Microscopy Initiative–FocalPlane image contest jury prize, 'Electric Love', taken by Ciarán Butler-Hallisey, PhD student in the NeuroCyto lab at the Institute of NeuroPhysiopathology, Aix-Marseille University, Marseille, France. The image shows Cos-7 cells stained for actin (blue), microtubules (yellow) and DNA (red), and was captured using a Zeiss Apotome.

STICKY WICKET

The Great Resignation II

Mole

jcs260521

CELL SCIENTISTS TO WATCH

Cell scientist to watch – Fei Xavier Chen

jcs260465

PERSPECTIVE

Achieving sustainable transformation in science – green grassroots groups need nurturing from the top

Dobbelaere, J., Heidelbergberger, J. B. and Borgermann, N.

jcs259645

CELL SCIENCE AT A GLANCE

Necroptosis at a glance

Kang, K., Park, C. and Chan, F. K.-M.

jcs260091

REVIEW

Cilia proteins getting to work – how do they commute from the cytoplasm to the base of cilia?

Hibbard, J. V. K., Vázquez, N. and Wallingford, J. B.

jcs259444

SHORT REPORTS

Deltex modulates Dpp morphogen gradient formation and affects Dpp signaling in *Drosophila*

Sharma, V., Sarkar, B., Mutsuddi, M. and Mukherjee, A.

jcs259658

Differential requirement for DICER1 activity during the development of mitral and tricuspid valves

Yan, S., Peng, Y., Lu, J., Shakil, S., Shi, Y., Crossman, D. K., Johnson, Jr., W. H., Liu, S., Rokosh, D. G., Lincoln, J., Wang, Q. and Jiao, K.

jcs259783

RESEARCH ARTICLES

The serine/threonine kinase MINK1 directly regulates the function of promigratory proteins

Daulat, A. M., Wagner, M. S., Audebert, S., Kowalczywska, M., Arieu-Bonnet, J., Finetti, P., Bertucci, F., Camoin, L. and Borg, J.-P.

jcs259347

Interaction between VPS13A and the XK scramblase is important for VPS13A function in humans

Park, J.-S., Hu, Y., Hollingsworth, N. M., Miltenberger-Miltenyi, G. and Neiman, A. M.

jcs260227

iRhom2 regulates ERBB signalling to promote KRAS-driven tumour growth of lung cancer cells

Sieber, B., Lu, F., Stribbling, S. M., Grieve, A. G., Ryan, A. J. and Freeman, M.

jcs259949

Proteasome granule formation is regulated through mitochondrial respiration and kinase signaling

Waite, K. A. and Roelofs, J.

jcs259778

PDGFR dimer-specific activation, trafficking and downstream signaling dynamics

Rogers, M. A., Campaña, M. B., Long, R. and Fantauzzo, K. A.

jcs259686

TGFBR3 supports anoikis through suppressing ATF4 signaling

Hsu, Y.-J., Yin, Y.-J., Tsai, K.-F., Jian, C.-C., Liang, Z.-W., Hsu, C.-Y. and Wang, C.-C.

jcs258396

Modest increase of *KIF11* expression exposes fragilities in the mitotic spindle, causing chromosomal instability

Dale, K. L., Armond, J. W., Hynds, R. E. and Vladimirov, E.

jcs260031

Roles of phosphatidylserine and phospholipase C in the activation of TOR complex 2 signaling in *Saccharomyces cerevisiae*

Nomura, W., Ng, S.-P., Takahara, T., Maeda, T., Kawada, T., Goto, T. and Inoue, Y.

jcs259988

FIRST PERSON

First person – Boris Sieber and Fangfang Lu

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First person – Madison Rogers

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First person – Vartika Sharma

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First person – Kenrick Waite

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