



Cover: CHO-K1 cells expressing paxillin-EGFP were imaged continuously with diffuse light delivery (0.0093 mW x 60,000 ms) for 4 hours while MitoTracker™ Red was imaged every 6 minutes. Mitochondria appeared perfectly healthy throughout the imaging session despite continuous light exposure and dual-color imaging of a fluorescent protein and dye. Colors indicate progression in time. See article by A. Kiepas et al. (jcs.242834).

FIRST PERSON

First person – Nadine Sen Nkwe
jcs244541

First person – Roopali Pradhan
jcs244350

First person – Alexander Kiepas
jcs244699

STICKY WICKET

Security
Mole
jcs244335

MEETING REPORT

Meeting report – first discoidin domain receptors meeting
Auguste, P., Leitinger, B., Liard, C., Rocher, V., Azema, L., Saltel, F. and Santamaria, D.
jcs243824

REVIEWS

Spatio-temporal control of post-Golgi exocytic trafficking in plants
Elliott, L., Moore, I. and Kirchhelle, C.
jcs237065

Cell invasion by intracellular parasites – the many roads to infection
Horta, M. F., Andrade, L. O., Martins-Duarte, É. S. and Castro-Gomes, T.
jcs232488

SHORT REPORT

Cep44 functions in centrosome cohesion by stabilizing rootletin
Hossain, D., Shih, S. Y.-P., Xiao, X., White, J. and Tsang, W. Y.
jcs239616

RESEARCH ARTICLES

Recycling endosomes attach to the trans-side of Golgi stacks in *Drosophila* and mammalian cells
Fujii, S., Kurokawa, K., Inaba, R., Hiramatsu, N., Tago, T., Nakamura, Y., Nakano, A., Satoh, T. and Satoh, A. K.
jcs236935

In vivo interactions between myosin XI, vesicles and filamentous actin are fast and transient in *Physcomitrella patens*
Bibeau, J. P., Furt, F., Mousavi, S. I., Kingsley, J. L., Levine, M. F., Tüzel, E. and Vidali, L.
jcs234682

Multivalent nephrin–Nck interactions define a threshold for clustering and tyrosine-dependent nephrin endocytosis

Martin, C. E., New, L. A., Phippen, N. J., Keyvani Chahi, A., Mitro, A. E., Takano, T., Pawson, T., Blasutig, I. M. and Jones, N.
jcs236877

A potent nuclear export mechanism imposes USP16 cytoplasmic localization during interphase

Sen Nkwe, N., Daou, S., Uriarte, M., Gagnon, J., Iannantuono, N. V., Barbour, H., Yu, H., Masclef, L., Fernández, E., Zamorano Cuervo, N., Mashtalir, N., Binan, L., Sergeev, M., Bélanger, F., Drobetsky, E., Milot, E., Wurtele, H., Costantino, S. and Affar, E. B.
jcs239236

Lamin A/C modulates spatial organization and function of the Hsp70 gene locus via nuclear myosin I

Pradhan, R., Nallappa, M. J. and Sengupta, K.
jcs236265

The gap junction protein connexin 43 controls multiple aspects of cranial neural crest cell development

Jourdeuil, K. and Taneyhill, L. A.
jcs235440

CSB cooperates with SMARCAL1 to maintain telomere stability in ALT cells

Feng, E., Batenburg, N. L., Walker, J. R., Ho, A., Mitchell, T. R. H., Qin, J. and Zhu, X.-D.
jcs234914

TOOLS AND RESOURCES

Optimizing live-cell fluorescence imaging conditions to minimize phototoxicity
Kiepas, A., Voorand, E., Mubaid, F., Siegel, P. M. and Brown, C. M.
jcs242834

CORRECTION

Correction: DDX56 inhibits type I interferon by disrupting assembly of IRF3–IPO5 to inhibit IRF3 nucleus import
Li, D., Fu, S., Wu, Z., Yang, W., Ru, Y., Shu, H., Liu, X. and Zheng, H.
jcs244681