



Cover: Postnatal culture of a region of the cochlear epithelium. Myosin VI-stained hair cells are green, neurofilament-stained spiral ganglion neuron projections that synapse on hair cells are red, purple represents phalloidin-stained stereocilia of hair cell bundles, and blue is nuclear stain. See article by J. M. Abitbol et al. (jcs214635).

FIRST PERSON

First person – Julia Abitbol
jcs219196

CELL SCIENCE AT A GLANCE

Galectins at a glance
Johannes, L., Jacob, R. and Leffler, H.
jcs208884

REVIEW

The makings of the ‘actin code’: regulation of actin’s biological function at the amino acid and nucleotide level
Vedula, P. and Kashina, A.
jcs215509

SHORT REPORTS

Feedback regulation by antagonistic epigenetic factors potentially maintains developmental homeostasis in *Drosophila*
Sadasivam, D. A. and Huang, D.-H.
jcs210179

Regulator of calcineurin-2 is a centriolar protein with a role in cilia length control
Stevenson, N. L., Bergen, D. J. M., Xu, A., Wyatt, E., Henry, F., McCaughey, J., Vuolo, L., Hammond, C. L. and Stephens, D. J.
jcs212258

RESEARCH ARTICLES

Distinct 3’ UTRs regulate the life-cycle-specific expression of two *TCTP* paralogs in *Trypanosoma brucei*
Jojic, B., Amodeo, S., Bregy, I. and Ochsenreiter, T.
jcs206417

TFIIH localization is highly dynamic during zygotic genome activation in *Drosophila*, and its depletion causes catastrophic mitosis
Cruz-Becerra, G., Valerio-Cabrera, S., Juárez, M., Bucio-Mendez, A. and Zurita, M.
jcs211631

Acute HSF1 depletion induces cellular senescence through the MDM2-p53-p21 pathway in human diploid fibroblasts
Oda, T., Sekimoto, T., Kurashima, K., Fujimoto, M., Nakai, A. and Yamashita, T.
jcs210724

A fragment of adhesion molecule L1 is imported into mitochondria, and regulates mitochondrial metabolism and trafficking
Kraus, K., Kleene, R., Braren, I., Loers, G., Lutz, D. and Schachner, M.
jcs210500

Complexes of plexin-A4 and plexin-D1 convey semaphorin-3C signals to induce cytoskeletal collapse in the absence of neuropilins
Smolkin, T., Nir-Zvi, I., Duvshani, N., Mumblat, Y., Kessler, O. and Neufeld, G.
jcs208298

Spatio-temporal MAPK dynamics mediate cell behavior coordination during fungal somatic cell fusion
Serrano, A., Illgen, J., Brandt, U., Thieme, N., Letz, A., Lichius, A., Read, N. D. and Fleißner, A.
jcs213462

Adenylyl cyclase A mRNA localized at the back of cells is actively translated in live chemotaxing *Dictyostelium*
Wang, W., Chen, S., Das, S., Losert, W. and Parent, C. A.
jcs216176

Mice harbouring an oculodentodigital dysplasia-linked Cx43 G60S mutation have severe hearing loss
Abitbol, J. M., Kelly, J. J., Barr, K. J., Allman, B. L. and Laird, D. W.
jcs214635

The Joubert syndrome protein ARL13B binds tubulin to maintain uniform distribution of proteins along the ciliary membrane
Revenkova, E., Liu, Q., Gusella, G. L. and Iomini, C.
jcs212324

Seh1 targets GATOR2 and Nup153 to mitotic chromosomes
Platani, M., Samejima, I., Samejima, K., Kanemaki, M. T. and Earnshaw, W. C.
jcs213140

Dual role of the RNA helicase DDX5 in post-transcriptional regulation of myelin basic protein in oligodendrocytes
Hoch-Kraft, P., White, R., Tenzer, S., Krämer-Albers, E.-M., Trotter, J. and Gonsior, C.
jcs204750

CORRECTION

Correction: Wash exhibits context-dependent phenotypes and, along with the WASH regulatory complex, regulates *Drosophila* oogenesis (doi:10.1242/211573)
Verboon, J. M., Decker, J. R., Nakamura, M. and Parkhurst, S. M.
jcs219212