



Cover: Wiring diagram of the biochemical interactors that build the mechanoresponsive cytoskeletal network. These components assemble into contractility kits that promote rapid response to mechanical inputs. See article by Priyanka Kothari et al. (jcs226704).

EDITORIAL

New Editor on Journal of Cell Science

Way, M. (Editor-in-Chief)

jcs229740

FIRST PERSON

First person – Norbert Volkmar

jcs229161

First person – Priyanka Kothari

jcs229195

CELL SCIENTISTS TO WATCH

Cell scientists to watch – Gloria Brar and Elçin Ünal

jcs229260

CELL SCIENCE AT A GLANCE

Linear ubiquitination at a glance

Spit, M., Rieser, E. and Walczak, H.

jcs208512

REVIEW

Lysosomal storage disorders – challenges, concepts and avenues for therapy: beyond rare diseases

Marques, A. R. A. and Saftig, P.

jcs221739

SHORT REPORT

Chk1-mediated Cdc25A degradation as a critical mechanism for normal cell cycle progression

Goto, H., Natsume, T., Kanemaki, M. T., Kaito, A., Wang, S., Gabazza, E. C., Inagaki, M. and Mizoguchi, A.

jcs223123

RESEARCH ARTICLES

Inhibition of Notch signaling by the p105 and p180 subunits of *Drosophila* chromatin assembly factor 1 is required for follicle cell proliferation

Lo, P.-K., Huang, Y.-C., Corcoran, D., Jiao, R. and Deng, W.-M.

jcs224170

EGCG protects cardiomyocytes against hypoxia-reperfusion injury through inhibition of OMA1 activation

Nan, J., Nan, C., Ye, J., Qian, L., Geng, Y., Xing, D., Rahman, M. S. U. and Huang, M.

jcs220871

Akt and SGK protein kinases are required for efficient feeding by macropinocytosis

Williams, T. D., Peak-Chew, S.-Y., Paschke, P. and Kay, R. R.

jcs224998

GM130 and p115 play a key role in the organisation of the early secretory pathway during skeletal muscle differentiation

Giacomello, E., Ronchi, P. and Pepperkok, R.

jcs222083

The Plk1 kinase negatively regulates the Hedgehog signaling pathway by phosphorylating Gli1

Zhang, T., Xin, G., Jia, M., Zhuang, T., Zhu, S., Zhang, B., Wang, G., Jiang, Q. and Zhang, C.

jcs220384

Deubiquitylase USP9X maintains centriolar satellite integrity by stabilizing pericentriolar material 1 protein

Han, K.-J., Wu, Z., Pearson, C. G., Peng, J., Song, K. and Liu, C.-W.

jcs221663

An amphipathic helix of vinexin α is necessary for a substrate stiffness-dependent conformational change in vinculin

Hino, N., Ichikawa, T., Kimura, Y., Matsuda, M., Ueda, K. and Kioka, N.

jcs217349

Upf1 regulates neurite outgrowth and branching by transcriptional and post-transcriptional modulation of *Arc*

Ryu, H. G., Seo, J.-Y., Jung, Y., Kim, S. W., Kim, E., Jang, S. K. and Kim, K.-T.

jcs224055

ADAM22 and ADAM23 modulate the targeting of the Kv1 channel-associated protein LGI1 to the axon initial segment

Hivert, B., Marien, L., Agbam, K. N. and Faivre-Sarrailh, C.

jcs219774

The ER membrane protein complex promotes biogenesis of sterol-related enzymes maintaining cholesterol homeostasis

Volkmar, N., Thezenas, M.-L., Louie, S. M., Juszkiwicz, S., Nomura, D. K., Hegde, R. S., Kessler, B. M. and Christianson, J. C.

jcs223453

The connexin 30 A88V mutant reduces cochlear gap junction expression and confers long-term protection against hearing loss

Kelly, J. J., Abitbol, J. M., Hulme, S., Press, E. R., Laird, D. W. and Allman, B. L.

jcs224097

RABL2 positively controls localization of GPCRs in mammalian primary cilia

Dateyama, I., Sugihara, Y., Chiba, S., Ota, R., Nakagawa, R., Kobayashi, T. and Itoh, H.

jcs224428

Contractility kits promote assembly of the mechanoresponsive cytoskeletal network

Kothari, P., Srivastava, V., Aggarwal, V., Tchernyshyov, I., Van Eyk, J. E., Ha, T. and Robinson, D. N.

jcs226704

The *Drosophila* Dbf4 ortholog Chiffon forms a complex with Gcn5 that is necessary for histone acetylation and viability

Torres-Zelada, E. F., Stephenson, R. E., Alpsy, A., Anderson, B. D., Swanson, S. K., Florens, L., Dykhuizen, E. C., Washburn, M. P. and Weake, V. M.

jcs214072