



Cover: A complex set of cellular mechanisms regulates the balance between healthy muscle tissue (red, left) and muscles in which a loss of muscle maintenance causes tissue degeneration (right). See article by N. Green et al. (jcs217943).

FIRST PERSON

First person – Lingling Zhao
jcs228155

First person – Sonam Gurung
jcs228346

First person – Kamil Król
jcs228122

First person – Tomoaki Nagai
jcs227322

REVIEWS

Mechanical forces in cell monolayers
Chen, T., Saw, T. B., Mège, R.-M. and Ladoux, B.
jcs218156

Unite to divide – how models and biological experimentation have come together to reveal mechanisms of cytokinesis
Cortes, D. B., Dawes, A., Liu, J., Nickaeen, M., Strychalski, W. and Maddox, A. S.
jcs203570

Glycosphingolipid metabolism in cell fate specification
Russo, D., Capolupo, L., Loomba, J. S., Sticco, L. and D'Angelo, G.
jcs219204

RESEARCH ARTICLES

FLCN is a novel Rab11A-interacting protein that is involved in the Rab11A-mediated recycling transport
Zhao, L., Ji, X., Zhang, X., Li, L., Jin, Y. and Liu, W.
jcs218792

A tissue communication network coordinating innate immune response during muscle stress
Green, N., Walker, J., Bontrager, A., Zych, M. and Geisbrecht, E. R.
jcs217943

Direct binding of Talin to Rap1 is required for cell–ECM adhesion in *Drosophila*
Camp, D., Haage, A., Solianova, V., Castle, W. M., Xu, Q. A., Lostchuck, E., Goult, B. T. and Tanentzapf, G.
jcs225144

Gli2 modulates cell cycle re-entry through autophagy-mediated regulation of the length of primary cilia
Hsiao, C.-J., Chang, C.-H., Ibrahim, R. B., Lin, I.-H., Wang, C.-H., Wang, W.-J. and Tsai, J.-W.
jcs221218

ADAR2-mediated Q/R editing of GluK2 regulates kainate receptor upscaling in response to suppression of synaptic activity
Gurung, S., Evans, A. J., Wilkinson, K. A. and Henley, J. M.
jcs222273

Lack of G1/S control destabilizes the yeast genome via replication stress-induced DSBs and illegitimate recombination
Krol, K., Antoniuk-Majchrzak, J., Skoneczny, M., Sienko, M., Jendrysek, J., Rumienczyk, I., Halas, A., Kurlandzka, A. and Skoneczna, A.
jcs226480

SHP-2 is activated in response to force on E-cadherin and dephosphorylates vinculin Y822
Campbell, H., Heidema, C., Pilarczyk, D. G. and DeMali, K. A.
jcs216648

Bexarotene – a novel modulator of AURKA and the primary cilium in *VHL*-deficient cells
Chowdhury, P., Powell, R. T., Stephan, C., Uray, I. P., Talley, T., Karki, M., Tripathi, D. N., Park, Y. S., Mancini, M. A., Davies, P. and Dere, R.
jcs219923

Cullin-3–KCTD10-mediated CEP97 degradation promotes primary cilium formation
Nagai, T., Mukoyama, S., Kagiwada, H., Goshima, N. and Mizuno, K.
jcs219527

An interaction network between the SNARE VAMP7 and Rab GTPases within a ciliary membrane-targeting complex
Kandachar, V., Tam, B. M., Moritz, O. L. and Deretic, D.
jcs222034