Mouse embryonic fibroblasts (MEFs) cultured on glass coverslips were fixed and stained for actin filaments (green), microtubules (red), and nuclear DNA (DAPI, blue). See article by Kim et al. (pp. 3375–3385).

STICKY WICKET
3357 Mole’s Comedia I. Inferno. Canto 1–19.

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Auckland, P. and McAinsh, A. D.

RESEARCH ARTICLES
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Katzemich, A., West, R. J. H., Fukuzawa, A., Sweeney, S. T., Gautel, M., Sparrow, J. and Bullard, B.

3398 mRNA encoding Sec61β, a tail-anchored protein, is localized on the endoplasmic reticulum

3411 KCNK1 inhibits osteoclastogenesis by blocking the Ca2+ oscillation and JNK–NFATc1 signaling axis
Yeon, J.-T., Kim, K.-J., Chun, S. W., Lee, H. I., Lim, J. Y., Son, Y.-J., Kim, S. H. and Choi, S.-W.

3420 A Chlamydia effector recruits CEP170 to reprogram host microtubule organization
Dumoux, M., Menny, A., Delacour, D. and Hayward, R. D.

3435 Vinculin phosphorylation at residues Y100 and Y1065 is required for cellular force transmission

3444 Induction of lateral lumens through disruption of a monoleucine-based basolateral-sorting motif in betacellulin

3456 Endomembrane PtdIns(3,4,5)P3 activates the PI3K–Akt pathway
Jethwa, N., Chung, G. H. C., Lete, M. G., Alonso, A., Byrne, R. D., Calleja, V. and Larijani, B.

3466 The lysine demethylase LSD1 is required for nuclear envelope formation at the end of mitosis
Schooley, A., Moreno-Andrés, D., De Magistris, P., Vollmer, B. and Antonin, W.

3478 The NMDA receptor functions independently and as an LRP1 co-receptor to promote Schwann cell survival and migration
Mantuano, E., Lam, M. S., Shibayama, M., Campana, W. M. and Gonias, S. L.

3489 Regulation of the neuronal KCNQ2 channel by Src – a dual rearrangement of the cytosolic termini underlies bidirectional regulation of gating

3502 The caspase-3–p120-RasGAP module generates a NF-κB repressor in response to cellular stress

CORRECTION
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