



**Cover:** *Salmonella* are enteropathogenic bacteria that can infect and replicate in the cells of their host. The image shows an infected HeLa cell. *Salmonella* (white) located near the nucleus (DAPI, green) have created a replication niche by recruiting detoxified lysosomes and inducing the formation of membrane tubules (LAMP1, red), which they use to capture nutrients in the cell. These tubules use microtubules (tubulin, blue) and their associated molecular motors to stretch and form structures that can be tens of micrometres long. See article by Z. Fang et al. (jcs259183).

## FIRST PERSON

First person – Mira Kuzmić  
jcs259719

First person – Masashi Nambu  
jcs259726

First person – Ziyang Fang  
jcs259721

First person – Ana Julia Fernández-Alvarez and  
María Gabriela Thomas  
jcs259716

First person – Hannah Black and Rachel Livingstone  
jcs259718

## REVIEWS

Supply chain logistics – the role of the Golgi complex  
in extracellular matrix production and maintenance  
**Hellicar, J., Stevenson, N. L., Stephens, D. J. and  
Lowe, M.**  
jcs258879

Made by cells for cells – extracellular vesicles as next-generation  
mainstream medicines  
**Phan, T. H., Kim, S. Y., Rudge, C. and Chrzanowski, W.**  
jcs259166

## RESEARCH ARTICLES

Downregulation of collagen XI during late postnatal corneal  
development is followed by upregulation after injury  
**Sun, M., Cogswell, D., Adams, S., Ayoubi, Y., Kumar, A.,  
Reljic, T., Avila, M. Y., Margo, C. E. and Espana, E. M.**  
jcs258694

TAZ exhibits phase separation properties and interacts with  
Smad7 and  $\beta$ -catenin to repress skeletal myogenesis  
**Tripathi, S., Miyake, T., Kelebeev, J. and McDermott, J. C.**  
jcs259097

Comparative analysis of vertebrates reveals that mouse  
primordial oocytes do not contain a Balbiani body  
**Dhandapani, L., Salzer, M. C., Duran, J. M.,  
Zaffagnini, G., De Guirior, C., Martínez-Zamora, M. A. and  
Böke, E.**  
jcs259394

Peroxisomal support of mitochondrial respiratory efficiency  
promotes ER stress survival  
**Hijazi, I., Wang, E., Orozco, M., Pelton, S. and Chang, A.**  
jcs259254

Embryonic hyperglycemia perturbs the development of  
specific retinal cell types, including photoreceptors  
**Titalii-Torres, K. F. and Morris, A. C.**  
jcs259187

The *Salmonella* effector SifA initiates a kinesin-1 and kinesin-3  
recruitment process mirroring that mediated by Arl8a and Arl8b  
**Fang, Z., Fallet, M., Moest, T., Gorvel, J.-P. and Méresse, S.**  
jcs259183

Regulation of Hook1-mediated endosomal sorting of  
clathrin-independent cargo by  $\gamma$ -taxilin  
**Higashi, S., Makiyama, T., Sakane, H., Nogami, S. and  
Shirataki, H.**  
jcs258849

Knockout of syntaxin-4 in 3T3-L1 adipocytes reveals new insight  
into GLUT4 trafficking and adiponectin secretion  
**Black, H. L., Livingstone, R., Mastick, C. C., Al Tobi, M.,  
Taylor, H., Geiser, A., Stirrat, L., Kioumourtoglou, D.,  
Petrie, J. R., Boyle, J. G., Bryant, N. J. and Gould, G. W.**  
jcs258375

Smaug1 membrane-less organelles respond to AMPK and  
mTOR and affect mitochondrial function  
**Fernández-Alvarez, A. J., Thomas, M. G., Pascual, M. L.,  
Habif, M., Pimentel, J., Corbat, A. A., Pessoa, J. P.,  
La Spina, P. E., Boscaglia, L., Plessis, A., Carmo-Fonseca, M.,  
Grecco, H. E., Casado, M. and Boccaccio, G. L.**  
jcs253591

Direct evaluation of cohesin-mediated sister kinetochore  
associations at meiosis I in fission yeast  
**Nambu, M., Kishikawa, A., Yamada, T., Ichikawa, K., Kira, Y.,  
Itabashi, Y., Honda, A., Yamada, K., Murakami, H. and  
Yamamoto, A.**  
jcs259102

Septin-microtubule association via a motif unique to isoform 1 of  
septin 9 tunes stress fibers  
**Kuzmić, M., Castro Linares, G., Leischner Fialová, J., Iv, F.,  
Salaün, D., Llewellyn, A., Gomes, M., Belhabib, M., Liu, Y.,  
Asano, K., Rodrigues, M., Isnardon, D., Tachibana, T.,  
Koenderink, G. H., Badache, A., Mavrakis, M. and  
Verdier-Pinard, P.**  
jcs258850

Phospholipase C-related but catalytically inactive protein acts as  
a positive regulator of insulin signalling in adipocytes  
**Gao, J., Mizokami, A., Takeuchi, H., Li, A., Huang, F.,  
Nagano, H., Kanematsu, T., Jimi, E. and Hirata, M.**  
jcs258584

Inhibition of minor intron splicing reduces  $\text{Na}^+$  and  $\text{Ca}^{2+}$  channel  
expression and function in cardiomyocytes  
**Montañés-Agudo, P., Casini, S., Aufiero, S., Ernault, A. C., van  
der Made, I., Pinto, Y. M., Remme, C. A. and Creemers, E. E.**  
jcs259191

AMBRA1 promotes dsRNA- and virus-induced apoptosis through  
interacting with and stabilizing MAVS  
**Lin, Y., Huang, C., Gao, H., Li, X., Lin, Q., Zhou, S., Huo, Z.,  
Huang, Y., Liu, C. and Zhang, P.**  
jcs258910