



**Cover:** *Caenorhabditis elegans* larvae crawling amongst developing early embryos. The spinning-disc confocal microscopy image shows fluorescent fusions of the DNA-binding protein BAF (yellow, mCherry-tagged BAF in larvae) and the inner nuclear membrane protein LEM-2 (blue, mNeonGreen-tagged LEM-2 in embryos) expressed from the endogenous loci. See article by S. R. Barger et al. ([jcs261385](#)).

### CELL SCIENTISTS TO WATCH

Cell scientist to watch – Ben Schumann  
[jcs261605](#)

### REVIEWS

30 years of nanobodies – an ongoing success story of small binders in biological research  
**Frecot, D. I., Froehlich, T. and Rothbauer, U.**  
[jcs261395](#)

Cellular and molecular functions of SETD2 in the central nervous system  
**Mitchell, B., Thor, S. and Piper, M.**  
[jcs261406](#)

### SHORT REPORT

Characterization of Pik1 function in fission yeast reveals its conserved role in lipid synthesis and not cytokinesis  
**Willet, A. H., Turner, L. A., Park, J. S., Ren, L., Snider, C. E. and Gould, K. L.**  
[jcs261415](#)

### RESEARCH ARTICLES

Nuclear envelope assembly relies on CHMP-7 in the absence of BAF–LEM-mediated hole closure  
**Barger, S. R., Penfield, L. and Bahmanyar, S.**  
[jcs261385](#)

Palmitate-induced insulin resistance causes actin filament stiffness and GLUT4 mis-sorting without altered Akt signalling  
**Tokarz, V. L., Mylvaganam, S. and Klip, A.**  
[jcs261300](#)

Separation-of-function MCPH-associated mutations in CPAP affect centriole number and length  
**Jaiswal, S., Sanghi, S. and Singh, P.**  
[jcs261297](#)

Centrosome amplification promotes cell invasion via cell–cell contact disruption and Rap-1 activation  
**Prakash, A., Paunikar, S., Webber, M., McDermott, E., Vellanki, S. H., Thompson, K., Dockery, P., Jahns, H., Brown, J. A. L., Hopkins, A. M. and Bourke, E.**  
[jcs261150](#)

The SUN-like protein TgSLP1 is essential for nuclear division in the apicomplexan parasite *Toxoplasma gondii*  
**Wagner, M., Song, Y., Jiménez-Ruiz, E., Härtle, S. and Meissner, M.**  
[jcs260337](#)

### FIRST PERSON

First person – Sarah Barger  
[jcs261710](#)

First person – Sonal Jaiswal  
[jcs261746](#)

First person – Anu Prakash  
[jcs261708](#)

### PUBLISHER'S NOTE

Expression of Concern: Participation of the lipoprotein receptor LRP1 in hypoxia-HSP90 $\alpha$  autocrine signaling to promote keratinocyte migration  
**Woodley, D. T., Fan, J., Cheng, C.-F., Li, Y., Chen, M., Bu, G. and Li, W.**  
[jcs261643](#)