



**Cover:** Sixteen daughter cells still packed within the mother cell wall of a desiccation-tolerant green microalga *Acutodesmus bajacalifornicus*. Volume was rendered from confocal z-stacks and shows daughter cell membranes (green), nuclei (blue) and chloroplasts (red) after multiple fission of the single mother cell. See article by Z. Cardon et al. (jcs212233).

### FIRST PERSON

First person – Thibault Courtheoux and Alghassimou Diallo  
jcs218446

First person – Francesco Consolato  
jcs218289

First person – Emily Herman  
jcs218008

### OPINION

The triple helix of collagens – an ancient protein structure that enabled animal multicellularity and tissue evolution  
**Fidler, A. L., Boudko, S. P., Rokas, A. and Hudson, B. G.**  
jcs203950

### REVIEW

Dynamics of cortical domains in early *Drosophila* development  
**Schmidt, A. and Grosshans, J.**  
jcs212795

### SHORT REPORT

m-AAA and i-AAA complexes coordinate to regulate OMA1, the stress-activated supervisor of mitochondrial dynamics  
**Consolato, F., Maltecca, F., Tulli, S., Sambri, I. and Casari, G.**  
jcs213546

### RESEARCH ARTICLES

Aurora A kinase activity is required to maintain an active spindle assembly checkpoint during prometaphase  
**Courtheoux, T., Diallo, A., Damodaran, A. P., Rebutier, D., Watrin, E. and Prigent, C.**  
jcs191353

A model suite of green algae within the Scenedesmaceae for investigating contrasting desiccation tolerance and morphology  
**Cardon, Z. G., Peredo, E. L., Dohnalkova, A. C., Gershone, H. L. and Bezanilla, M.**  
jcs212233

Identification and characterisation of a cryptic Golgi complex in *Naegleria gruberi*  
**Herman, E. K., Yiangou, L., Cantoni, D. M., Miller, C. N., Marciano-Cabral, F., Anthonyrajah, E., Dacks, J. B. and Tsaousis, A. D.**  
jcs213306

The cytoskeleton regulates symmetry transitions in moving amoeboid cells  
**van Haastert, P. J. M., Keizer-Gunnink, I. and Kortholt, A.**  
jcs208892

Rab7 knockout unveils regulated autolysosome maturation induced by glutamine starvation  
**Kuchitsu, Y., Homma, Y., Fujita, N. and Fukuda, M.**  
jcs215442

Matrix elasticity regulates mesenchymal stem cell chemotaxis  
**Saxena, N., Mogha, P., Dash, S., Majumder, A., Jadhav, S. and Sen, S.**  
jcs211391

Phosphorylation hotspot in the C-terminal domain of occludin regulates the dynamics of epithelial junctional complexes  
**Manda, B., Mir, H., Gangwar, R., Meena, A. S., Amin, S., Shukla, P. K., Dalal, K., Suzuki, T. and Rao, R. K.**  
jcs206789

### CORRECTION

Correction: Formation of COPI-coated vesicles at a glance (doi:10.1242/jcs.209890)  
**Arakel, E. C. and Schwappach, B.**  
jcs218347