



**Cover:** Midgut of an *Anopheles* mosquito infected with oocysts of *Plasmodium berghei* on the basal surface. Tubulin is highlighted in blue and DNA is coloured in yellow. *Plasmodium* oocysts at different stages of development within the mosquito midgut were stained for the circumsporozoite protein (CSP), either with a fluorescent epitope tag (red) or with CSP-specific antibodies (green). As a consequence of developmental variation and an associated differential accessibility to the antibody through the thick oocyst capsule, the CSP expression pattern shows a broad variation from oocyst to oocyst. See article by Klug et al. (jcs210971).

### FIRST PERSON

First person – Yasmin Kadry  
jcs226175

First person – Dennis Klug  
jcs226159

First person – Khamal Kwesi Ampah  
jcs226167

### CELL SCIENTISTS TO WATCH

Cell Scientist to Watch – Siobhan Braybrook  
jcs225607

### CELL SCIENCE AT A GLANCE

Greatwall kinase at a glance  
**Castro, A. and Lorca, T.**  
jcs222364

### REVIEW

Regulation of actin-based apical structures on epithelial cells  
**Pelaseyed, T. and Bretscher, A.**  
jcs221853

### RESEARCH ARTICLES

Kindlin-2 interacts with a highly conserved surface of ILK to regulate focal adhesion localization and cell spreading  
**Kadry, Y. A., Huet-Calderwood, C., Simon, B. and Calderwood, D. A.**  
jcs221184

RPGRIP1L helps to establish the ciliary gate for entry of proteins  
**Lin, H., Guo, S. and Dutcher, S. K.**  
jcs220905

Nuclear envelope localization of PIG-B is essential for GPI-anchor synthesis in *Drosophila*  
**Yamamoto-Hino, M., Katsumata, E., Suzuki, E., Maeda, Y., Kinoshita, T. and Goto, S.**  
jcs218024

ODF2 maintains centrosome cohesion by restricting  $\beta$ -catenin accumulation  
**Yang, K., Tylkowski, M. A., Hüber, D., Contreras, C. T. and Hoyer-Fender, S.**  
jcs220954

Local microtubule organization promotes cargo transport in *C. elegans* dendrites  
**Harterink, M., Edwards, S. L., de Haan, B., Yau, K. W., van den Heuvel, S., Kapitein, L. C., Miller, K. G. and Hoogenraad, C. C.**  
jcs223107

A synthetic promoter for multi-stage expression to probe complementary functions of *Plasmodium* adhesins  
**Klug, D., Kehrer, J., Frischknecht, F. and Singer, M.**  
jcs210971

S-acylation regulates the trafficking and stability of the unconventional Q-SNARE STX19  
**Ampah, K. K., Greaves, J., Shun-Shion, A. S., Asnawi, A. W., Lidster, J. A., Chamberlain, L. H., Collins, M. O. and Peden, A. A.**  
jcs212498