



**Cover:** Extreme nuclear branching in the fin margin of *Xenopus tropicalis* tadpole tails. A whole-tissue immunofluorescence image is shown (DAPI in blue, H3K27ac in green, tubulin in red). These nuclei offer a new potential model for investigating the molecular and cell biological basis of nuclear shape. See article by Arbach et al. (jcs217513).

## FIRST PERSON

First person – Bhagawat C. Subramanian  
jcs225250

First person – Hannah Arbach  
jcs224261

First person – Sudeshna Nag  
jcs224014

First Person – Patrick Cunningham  
jcs224295

## CELL SCIENTISTS TO WATCH

Cell scientist to watch – Serge Mostowy  
jcs223958

## REVIEWS

Autophagy-dependent cell death – where, how and why a cell eats itself to death  
**Bialik, S., Dasari, S. K. and Kimchi, A.**  
jcs215152

Failure is not an option – mitochondrial genome segregation in trypanosomes  
**Schneider, A. and Ochsenreiter, T.**  
jcs221820

## SHORT REPORT

The *Drosophila* Epidermal Growth Factor Receptor does not act in the nucleus  
**Courgeon, M., He, D. Q., Liu, H. H., Legent, K. and Treisman, J. E.**  
jcs220251

## RESEARCH ARTICLES

The LTB<sub>4</sub>–BLT1 axis regulates the polarized trafficking of chemoattractant GPCRs during neutrophil chemotaxis  
**Subramanian, B. C., Moissoglu, K. and Parent, C. A.**  
jcs217422

LRRC45 contributes to early steps of axoneme extension  
**Kurtulmus, B., Yuan, C., Schuy, J., Neuner, A., Hata, S., Kalamakis, G., Martin-Villalba, A. and Pereira, G.**  
jcs223594

Nutritional cell cycle reprogramming reveals that inhibition of Cdk1 is required for proper MBF-dependent transcription  
**Rubio, A., García-Blanco, N., Vázquez-Bolado, A., Belén Suárez, M. and Moreno, S.**  
jcs218743

Rab4A organizes endosomal domains for sorting cargo to lysosome-related organelles  
**Nag, S., Rani, S., Mahanty, S., Bissig, C., Arora, P., Azevedo, C., Saiardi, A., van der Sluijs, P., Delevoye, C., van Niel, G., Raposo, G. and Setty, S. R.**  
jcs216226

LIF-dependent survival of embryonic stem cells is regulated by a novel palmitoylated Gab1 signalling protein  
**Sutherland, L., Ruhe, M., Gattegno-Ho, D., Mann, K., Greaves, J., Koscielniak, M., Meek, S., Lu, Z., Waterfall, M., Taylor, R., Tsakiridis, A., Brown, H., Maciver, S. K., Joshi, A., Clinton, M., Chamberlain, L. H., Smith, A. and Burdon, T.**  
jcs222257

Extreme nuclear branching in healthy epidermal cells of the *Xenopus* tail fin  
**Arbach, H. E., Harland-Dunaway, M., Chang, J. K. and Wills, A. E.**  
jcs217513

Neurodegeneration and locomotor dysfunction in *Drosophila scarlet* mutants  
**Cunningham, P. C., Waldeck, K., Ganetzky, B. and Babcock, D. T.**  
jcs216697

## CORRECTION

Correction: Disruption of Rab8a and Rab11a causes formation of basolateral microvilli in neonatal enteropathy (doi: 10.1242/jcs.201897)  
**Feng, Q., Bonder, E. M., Engevik, A. C., Zhang, L., Tyska, M. J., Goldenring, J. R. and Gao, N.**  
jcs224535