



**Cover:** Mammary gland organoids undergo bifurcation to elaborate the epithelial network during branching morphogenesis. The cover image represents a maximum intensity projection of a confocal z-stack of a bifurcating organoid that was rendered using the Stained Glass filter (cell size 40) and colourised using the Colour Transfer neural filter in Adobe Photoshop. See article by N. M. Neumann et al. (jcs259275).

## MEETING REPORT

Meeting report – Desmosome dysfunction and disease: Alpine desmosome disease meeting

**Spindler, V., Gerull, B., Green, K. J., Kowalczyk, A. P., Leube, R., Marian, A. J., Milting, H., Müller, E. J., Niessen, C., Payne, A. S., Schlegel, N., Schmidt, E., Strnad, P., Tikkanen, R., Vielmuth, F. and Waschke, J.**

jcs260832

## CELL SCIENCE AT A GLANCE

Mechanisms of eukaryotic transcription termination at a glance

**Xie, J., Libri, D. and Porrua, O.**

jcs259873

## REVIEW

The diverse actions of cytoskeletal vimentin in bacterial infection and host defense

**Miao, C., Zhao, S., Etienne-Manneville, S. and Jiu, Y.**

jcs260509

## SHORT REPORT

Collective cell migration is spatiotemporally regulated during mammary epithelial bifurcation

**Neumann, N. M., Kim, D. M., Huebner, R. J. and Ewald, A. J.**

jcs259275

## RESEARCH ARTICLES

Microtubule–mitochondrial attachment facilitates cell division symmetry and mitochondrial partitioning in fission yeast

**Chacko, L. A., Mikus, F., Ariotti, N., Dey, G. and Ananthanarayanan, V.**

jcs260705

Nucleophagy contributes to genome stability through degradation of type II topoisomerases A and B and nucleolar components

**Muciño-Hernández, G., Acevo-Rodríguez, P. S., Cabrera-Benitez, S., Guerrero, A. O., Merchant-Larios, H. and Castro-Obregón, S.**

jcs260563

Incorporation of 53BP1 into phase-separated bodies in cancer cells during aberrant mitosis

**Bleiler, M., Cyr, A., Wright, D. L. and Giardina, C.**

jcs260027

The role of mitosis in generating fitness heterogeneity

**Buss, J. H., Lenz, L. S., Pereira, L. C., Torgo, D., Marcolin, J., Begnini, K. R. and Lenz, G.**

jcs260103

Regulation of macrophage IFN $\gamma$ -stimulated gene expression by the transcriptional coregulator CITED1

**Subramani, A., Hite, M. E. L., Garcia, S., Maxwell, J., Kondee, H., Millican, G. E., McClelland, E. E., Seipelt-Thiemann, R. L. and Nelson, D. E.**

jcs260529

Mitochondrial respiration promotes Cdc37-dependent stability of the Cdk1 homolog Cdc28

**Leite, A. C., Martins, T. S., Cesário, R. R., Teixeira, V., Costa, V. and Pereira, C.**

jcs260279

STAT3 signaling induced by the IL-6 family of cytokines modulates angiogenesis

**Rapp, J., Jung, M., Klar, R. F. U., Wolf, J., Arnold, J., Gorka, O., Groß, O., Lange, C., Agostini, H., Schlunck, G. and Bucher, F.**

jcs260182

## TOOLS AND RESOURCES

Clearing of hemozoin crystals in malaria parasites enables whole-cell STED microscopy

**Kehrer, J., Pietsch, E., Heinze, J., Spielmann, T. and Frischknecht, F.**

jcs260399

Prog-Plot – a visual method to determine functional relationships for false discovery rate regression methods

**Bello, N. and López-Kleine, L.**

jcs260312

## FIRST PERSON

First person – Leeba Ann Chacko

jcs260895

First person – Jessica Kehrer

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First person – Marina Bleiler

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First person – Aarthi Subramani

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