



**Cover:** Immunofluorescence image showing integrin  $\beta 5$  (green), clathrin (red) and actin (blue) in MCF7 human breast cancer cells. Integrin  $\beta 5$  can be observed in both focal adhesions and flat clathrin lattices in MCF7 cells, but localization in flat clathrin lattices is favoured. See article by A. Zuidema, W. Wang et al. (jcs259465).

## HYPOTHESIS

A unifying model for the role of the ATG8 system in autophagy  
**Nguyen, T. N. and Lazarou, M.**  
jcs258997

## REVIEWS

Emerging roles of mitotic autophagy  
**Almacellas, E. and Mauvezin, C.**  
jcs255802

Physiological functions and roles in cancer of the proliferation marker Ki-67  
**Andrés-Sánchez, N., Fisher, D. and Krasinska, L.**  
jcs258932

## SHORT REPORT

Selective function of the PDZ domain of Dishevelled in noncanonical Wnt signalling  
**Mieszczanek, J., Strutt, H., Rutherford, T. J., Strutt, D., Bienz, M. and Gammons, M. V.**  
jcs259547

## RESEARCH ARTICLES

ALKBH5 regulates somatic cell reprogramming in a phase-specific manner  
**Khodeer, S., Klungland, A. and Dahl, J. A.**  
jcs259824

TFK1, a basal body transition fibre protein that is essential for cytokinesis in *Trypanosoma brucei*  
**Ramanantsalama, M. R., Landrein, N., Casas, E., Salin, B., Blancard, C., Bonhivers, M., Robinson, D. R. and Dacheux, D.**  
jcs259893

DYRK2 maintains genome stability via neddylation of cullins in response to DNA damage  
**Kawamura, A., Yoshida, S., Aoki, K., Shimoyama, Y., Yamada, K. and Yoshida, K.**  
jcs259514

The developmental stage of the medulloblastoma cell-of-origin restricts Sonic hedgehog pathway usage and drug sensitivity

**Smit, M. J., Martini, T. E. I., Armandari, I., Bočkaj, I., Zommerman, W. W., de Camargo Magalhães, E. S., Siragna, Z., Meeuwssen, T. G. J., Scherpen, F. J. G., Schoots, M. H., Ritsema, M., den Dunnen, W. F. A., Hoving, E. W., Paridaen, J. T. M. L., de Haan, G., Guryev, V. and Bruggeman, S. W. M.**  
jcs258608

MTCL2 promotes asymmetric microtubule organization by crosslinking microtubules on the Golgi membrane  
**Matsuoka, R., Miki, M., Mizuno, S., Ito, Y., Yamada, C. and Suzuki, A.**  
jcs259374

Molecular determinants of  $\alpha V\beta 5$  localization in flat clathrin lattices – role of  $\alpha V\beta 5$  in cell adhesion and proliferation  
**Zuidema, A., Wang, W., Kreft, M., Bleijerveld, O. B., Hoekman, L., Aretz, J., Böttcher, R. T., Fässler, R. and Sonnenberg, A.**  
jcs259465

VEGF-A controls the expression of its regulator of angiogenic functions, dopamine D2 receptor, on endothelial cells  
**Sarkar, C., Chakroborty, D., Goswami, S., Fan, H., Mo, X. and Basu, S.**  
jcs259617

## FIRST PERSON

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jcs260275

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