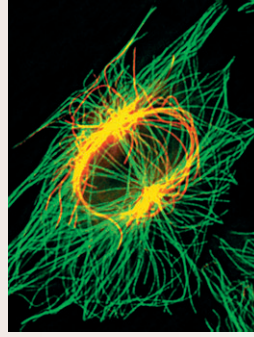


Journal of  
**Cell Science**  
 jcs.biologists.org

Volume 122 (19) October 1, 2009



**Cover:** Acetylated and non-acetylated microtubules visualized by indirect immunofluorescence, using primary antibodies to acetylated and total  $\alpha$ -tubulin, and secondary antibodies conjugated with red and green fluorochrome, respectively. Acetylated microtubules appear yellow, due to overlapping red and green signals. See article by Y. Zilberman et al. (pp. 3531-3541).

- Sticky Wicket**  
 3425 **I want it, NOW.** Mole.
- Cell Science at a Glance**  
 3427 **Dynamins at a glance.** Heymann, J. A. W. and Hinshaw, J. E.
- Opinion**  
 3433 **Internalization and intracellular sorting of the EGF receptor: a model for understanding the mechanisms of receptor trafficking.** Madhus, I. H. and Stang, E.
- Commentary**  
 3441 **Regulation of cell migration and morphogenesis by Abl-family kinases: emerging mechanisms and physiological contexts.** Bradley, W. D. and Koleske, A. J.
- Short Report**  
 3455 **Aneuploidy in mitosis of PtK1 cells is generated by random loss and nondisjunction of individual chromosomes.** Torosantucci, L., De Santis Puzzon, M., Cenciarelli, C., Rens, W. and Degrossi, F.
- Research Articles**  
 3462 **Neuronal Thy-1 induces astrocyte adhesion by engaging syndecan-4 in a cooperative interaction with  $\alpha$ v $\beta$ 3 integrin that activates PKC $\alpha$  and RhoA.** Avalos, A. M., Valdivia, A. D., Muñoz, N., Herrera-Molina, R., Tapia, J. C., Lavandero, S., Chiong, M., Burrige, K., Schneider, P., Quest, A. F. G. and Leyton, L.  
 3472 **Variations in the requirement for v-SNAREs in GLUT4 trafficking in adipocytes.** Zhao, P., Yang, L., Lopez, J. A., Fan, J., Burchfield, J. G., Bai, L., Hong, W., Xu, T. and James, D. E.  
 3481 **The small chromatin-binding protein p8 coordinates the association of anti-proliferative and pro-myogenic proteins at the myogenin promoter.** Sambasivan, R., Cheedipudi, S., Pasupuleti, N., Saleh, A., Pavlath, G. K. and Dhawan, J.  
 3492 **Moesin orchestrates cortical polarity of melanoma tumour cells to initiate 3D invasion.** Estechea, A., Sánchez-Martín, L., Puig-Kröger, A., Bartolomé, R. A., Teixidó, J., Samaniego, R. and Sánchez-Mateos, P.  
 3502 **Sox2 is dispensable for the reprogramming of melanocytes and melanoma cells into induced pluripotent stem cells.** Utikal, J., Maherali, N., Kulalert, W. and Hochedlinger, K.  
 3511 ***Toxoplasma gondii* infection confers resistance against Bim $\gamma$ -induced apoptosis by preventing the activation and mitochondrial targeting of pro-apoptotic Bax.** Hippe, D., Weber, A., Zhou, L., Chang, D. C., Häcker, G. and Lüder, C. G. K.  
 3522 **DUOX2-derived reactive oxygen species are effectors of NOD2-mediated antibacterial responses.** Lipinski, S., Till, A., Sina, C., Arlt, A., Grasberger, H., Schreiber, S. and Rosenstiel, P.  
 3531 **Regulation of microtubule dynamics by inhibition of the tubulin deacetylase HDAC6.** Zilberman, Y., Ballestrem, C., Carramusa, L., Mazitschek, R., Khochbin, S. and Bershadsky, A.  
 3542 **Inhibitors of the V<sub>0</sub> subunit of the vacuolar H<sup>+</sup>-ATPase prevent segregation of lysosomal- and secretory-pathway proteins.** Sobota, J. A., Bäck, N., Eipper, B. A. and Mains, R. E.  
 3554 **Kidins220/ARMS downregulation by excitotoxic activation of NMDARs reveals its involvement in neuronal survival and death pathways.** López-Menéndez, C., Gascón, S., Sobrado, M., Vidaurre, O. G., Higuero, A. M., Rodríguez-Peña, Á., Iglesias, T. and Díaz-Guerra, M.  
 3566 **Axin2 controls bone remodeling through the  $\beta$ -catenin–BMP signaling pathway in adult mice.** Yan, Y., Tang, D., Chen, M., Huang, J., Xie, R., Jonason, J. H., Tan, X., Hou, W., Reynolds, D., Hsu, W., Harris, S. E., Puzas, J. E., Awad, H., O'Keefe, R. J., Boyce, B. F. and Chen, D.  
 3579 **Neurofilament cross-bridging competes with kinesin-dependent association of neurofilaments with microtubules.** Kushkuley, J., Chan, W. K. H., Lee, S., Eyer, J., Leterrier, J.-F., Letournel, F. and Shea, T. B.