

Contents:

The Journal of Cell Biology

Volume 134, Number 6, September 1996

Mini-review

- 1345 **Septins may form a ubiquitous family of cytoskeletal filaments.**

J.A. Cooper and D.P. Kiehart

Regular Articles

- 1349 **The clustering of telomeres and colocalization with Rap1, Sir3, and Sir4 proteins in wild-type *Saccharomyces cerevisiae*.**

M. Gotta, T. Laroche, A. Formenton, L. Maillet, H. Scherthan, and S.M. Gasser

- 1365 **The hnRNP C proteins contain a nuclear retention sequence that can override nuclear export signals.**

S. Nakielnny and G. Dreyfuss

- 1375 **The molecular chaperone Hsp78 confers compartment-specific thermotolerance to mitochondria.**

M. Schmitt, W. Neupert, and T. Langer

- 1387 **Dynamic measurement of the pH of the Golgi complex in living cells using retrograde transport of the verotoxin receptor.**

J.H. Kim, C.A. Lingwood, D.B. Williams, W. Furuya, M.F. Manolson, and S. Grinstein

- 1401 **Protein kinase C μ is located at the Golgi compartment.**

J. Prestle, K. Pfizenmaier, J. Brenner, and F.-J. Johannes

- 1411 **Sorting by COP I-coated vesicles under interphase and mitotic conditions.**

B. Sönnichsen, R. Watson, H. Clausen, T. Misteli, and G. Warren

- 1427 **Fc ϵ RI-mediated association of 6- μ m beads with RBL-2H3 mast cells results in exclusion of signaling proteins from the forming phagosome and abrogation of normal downstream signaling.**

L. Pierini, D. Holowka, and B. Baird

- 1441 **The structure of the sarcomeric M band: Localization of defined domains of myomesin, M-protein, and the 250-kD carboxy-terminal region of titin by immunoelectron microscopy.**

W.M.J. Obermann, M. Gautel, F. Steiner, P.F.M. van der Ven, K. Weber, and D.O. Fürst

- 1455 **Basic amino acid residue cluster within nuclear targeting sequence motif is essential for cytoplasmic plectin-vimentin network junctions.**

B. Nikolic, E. Mac Nulty, B. Mir, and G. Wiche

- 1469 **Dlg protein is required for junction structure, cell polarity, and proliferation control in *Drosophila* epithelia.**

D.F. Woods, C. Hough, D. Peel, G. Callaini, and P.J. Bryant

- 1483 **Merosin and laminin in myogenesis; specific requirement for merosin in myotube stability and survival.**

P.H. Vachon, F. Loechel, H. Xu, U.M. Wewer, and E. Engvall

- 1499 **Tenascin-Y: A protein of novel domain structure is secreted by differentiated fibroblasts of muscle connective tissue.**

C. Hagios, M. Koch, J. Spring, M. Chiquet, and R. Chiquet-Ehrismann

- 1513 **Lack of association between receptor protein tyrosine phosphatase RPTP μ and cadherins.**

G.C.M. Zondag, W.H. Moolenaar, and M.F.B.G. Gebbink

- 1519 **Association between a transmembrane protein tyrosine phosphatase and the cadherin-catenin complex.**

R.M. Kypta, H. Su, and L.F. Reichardt

- 1531 **Dominant-negative effect on adhesion by myelin Po protein truncated in its cytoplasmic domain.**

M.-H. Wong and M.T. Filbin

- 1543 **The cell density factor CMF regulates the chemoattractant receptor cAR1 in *Dictyostelium*.**

P.J.M. Van Haastert, J.D. Bishop, and R.H. Gomer

Contents continued

Cover picture: A day 13.5 p.c. transgenic embryo bearing the $\alpha 2(XI)$ collagen promoter and first intron sequence linked to the *lacZ* reporter gene. The *lacZ* was specifically expressed in primordial cartilage of limbs and ribs. See related article in this issue by Tsumaki et al., 1587–1596.

- 1551 **Modulation of cell migration by integrin-mediated cytoskeletal linkages and ligand-binding affinity.**
A. Huttenlocher, M.H. Ginsberg, and A.F. Horwitz
- 1563 **Is plasminogen activator inhibitor-1 the molecular switch that governs urokinase receptor-mediated cell adhesion and release?**
G. Deng, S.A. Curriden, S. Wang, S. Rosenberg, and D.J. Loskutoff
- 1573 **Separable *cis*-regulatory elements that contribute to tissue- and site-specific $\alpha 2(XI)$ collagen gene expression in the embryonic mouse cartilage.**
N. Tsumaki, T. Kimura, Y. Matsui, K. Nakata, and T. Ochi
- 1583 **AUTHOR INDEX FOR VOLUME 134**
- 1591 **SUBJECT INDEX FOR VOLUME 134**