

Contents:

The Journal of Cell Biology

Volume 141, Number 5, June 1, 1998

- 1097 **The influence of huntingtin protein size on nuclear localization and cellular toxicity.**
A.S. Hackam, R. Singaraja, C.L. Wellington, M. Metzler, K. McCutcheon, T. Zhang, M. Kalchman, and M.R. Hayden
- 1107 **Sec35p, a novel peripheral membrane protein, is required for ER to Golgi vesicle docking.**
S.M. VanRheenen, X. Cao, V.V. Lupashin, C. Barlowe, and M.G. Waters
- 1121 **Deficient peptide loading and MHC class II endosomal sorting in a human genetic immunodeficiency disease: The Chediak-Higashi syndrome.**
W. Faigle, G. Raposo, D. Tenza, V. Pinet, A.B. Vogt, H. Kropshofer, A. Fischer, G. de Saint-Basile, and S. Amigorena
- 1135 **Patterning muscles using organizers: Larval muscle templates and adult myoblasts actively interact to pattern the dorsal longitudinal flight muscles of *Drosophila*.**
S. Roy and K. VijayRaghavan
- 1147 **A role for Cdc42 in macrophage chemotaxis.**
W.E. Allen, D. Zicha, A.J. Ridley, and G.E. Jones
- 1159 **ZYG-9, a *Caenorhabditis elegans* protein required for microtubule organization and function, is a component of meiotic and mitotic spindle poles.**
L.R. Matthews, P. Carter, D. Thierry-Mieg, and K. Kemphues
- 1169 **The yeast spindle pole body component Spc72p interacts with Stu2p and is required for proper microtubule assembly.**
X.P. Chen, H. Yin, and T.C. Huffaker
- 1181 **Localization of Mad2 to kinetochores depends on microtubule attachment, not tension.**
J.C. Waters, R.-H. Chen, A.W. Murray, and E.D. Salmon
- 1193 **Microinjection of antibody to Mad2 protein into mammalian cells in mitosis induces premature anaphase.**
G.J. Gorbisky, R.-H. Chen, and A.W. Murray
- 1207 **Differential subcellular localization of protein phosphatase-1 α , γ 1, and δ isoforms during both interphase and mitosis in mammalian cells.**
P.R. Andreassen, F.B. Lacroix, E. Villa-Moruzzi, and R.L. Margolis
- 1217 **FH3, a domain found in formins, targets the fission yeast formin Fus1 to the projection tip during conjugation.**
J. Petersen, O. Nielsen, R. Egel, and I.M. Hagan
- 1229 **Defining the interactions between intermediate filaments and desmosomes.**
E.A. Smith and E. Fuchs
- 1243 **Death-effector filaments: Novel cytoplasmic structures that recruit caspases and trigger apoptosis.**
R.M. Siegel, D.A. Martin, L. Zheng, S.Y. Ng, J. Bertin, J. Cohen, and M.J. Lenardo
- 1255 **E1B 19K inhibits Fas-mediated apoptosis through FADD-dependent sequestration of FLICE.**
D. Perez and E. White
- 1267 **Enhanced secretion of amylase from exocrine pancreas of connexin32-deficient mice.**
M. Chanson, M. Fanjul, D. Bosco, E. Nelles, S. Suter, K. Willecke, and P. Meda
- 1277 **Lumican regulates collagen fibril assembly: Skin fragility and corneal opacity in the absence of lumican.**
S. Chakravarti, T. Magnuson, J.H. Lass, K.J. Jepsen, C. LaMantia, and H. Carroll
- 1287 **ADDITIONS AND CORRECTIONS**
- 1289 **ADDITIONS AND CORRECTIONS**

Cover picture: A late prometaphase PtK₁ cell labeled with antibodies to spindle checkpoint component Mad2 (*pink*), tubulin (*green*), and the DNA dye DAPI (*blue*). Mad2 localization to kinetochores before their proper attachment to the spindle is thought to signal the inhibition of anaphase onset. See related article in this issue by Waters et al., 1181–1191.