Mini-review

1 Chaperonin-mediated folding of actin and tubulin.
S. A. Lewis, G. Tian, I. E. Vainberg, and N. J. Cowan

Regular Articles

5 Assembly of the nuclear pore: Biochemically distinct steps revealed with NEM, GTP\(_\gamma\)S, and BAPTA.
C. Macaulay and D. J. Forbes

21 A novel class of clathrin-coated vesicles budding from endosomes.
W. Stoorvogel, V. Oorschot, and H. J. Geuze

35 Endocytosis of GPI-linked membrane folate receptor-\(\alpha\).

49 Phagosome-lysosome fusion is a calcium-independent event in macrophages.
S. Zimmerler, M. Majeed, M. Gustavsson, O. Stendahl, D. A. Sanan, and J. D. Ernst

63 A new chloroplast protein import intermediate reveals distinct translocation machineries in the two envelope membranes: Energetics and mechanistic implications.
S. V. Scott and S. M. Theg

77 Identification and localization of an actin-binding motif that is unique to the epsilon isoform of protein kinase C and participates in the regulation of synaptic function.
R. Prekeris, M. W. Mayhew, J. B. Cooper, and D. M. Terrian

91 Involvement of fyn tyrosine kinase in progression of cytokinesis of \(B\) lymphocyte progenitor.

101 \(D\)ictyostelium myosin heavy chain kinase A regulates myosin localization during growth and development.
M. F. Kolman, L. M. Futey, and T. T. Egelhoff

111 The \(S\)accharomyces cerevisiae spindle pole body duplication gene \(MPS1\) is part of a mitotic checkpoint.
E. Weiss and M. Winey

125 Initial triggering of M-phase in starfish oocytes: A possible novel component of maturation-promoting factor besides cdc2 kinase.

137 \(B\)ED1, a gene encoding a galactosyltransferase homologue, is required for polarized growth and efficient bud emergence in \(S\)accharomyces cerevisiae.
G. Mondebert and S. I. Reed

153 A nontetrameric species is the major soluble form of keratin in \(X\)enopus oocytes and rabbit reticulocyte lysates.
J. B. Bachant and M. W. Klymkowsky

167 Vamp/synaptobrevin isoforms 1 and 2 are widely and differentially expressed in nonneuronal tissues.
O. Rossetto, L. Gorza, G. Schiavo, N. Schiavo, R. H. Scheller, and C. Montecucco

181 Lysophosphatidic acid and bFGF control different modes in proliferating myoblasts.
S. Yoshida, A. Fujisawa-Sehara, T. Taki, K. Arai, and Y. Naborishma

195 Increased expression of TGF-\(\beta\)2 in osteoblasts results in an osteoporosis-like phenotype.
A. Erlebacher and R. Derynck

211 \(\beta\)1D integrin displaces the \(\beta\)1A isoform in striated muscles: Localization at junctional structures and signaling potential in nonmuscle cells.
A. M. Belkin, N. I. Zhidkova, F. Balzac, F. Altruda, D. Tomatis, A. Maier, G. Tarone, V. E. Koteliansky, and K. Burridge

227 \(\beta\)1 integrin-dependent and -independent polymerization of fibronectin.

239 Extracellular matrix alters PDGF regulation of fibroblast integrins.
J. Xu and R. A. F. Clark

Cover picture: This figure shows an endosome displaying many clathrin-coated buds. Endosomes were studied using a novel technique that allows for the immunoelectron microscopic examination of transferrin receptor-containing endosomes in nonsectioned cells. Endosomes were filled with an electron-dense polymer and labeled with the monoclonal antibody X22 for the demonstration of 60 nm clathrin-coated (5 nm colloidal gold) buds. 145,000x. See related article in this issue by Stoorvogel et al., 21–33.