

THE JOURNAL OF CELL BIOLOGY • CONTENTS
VOLUME 67 NUMBER 1 OCTOBER, 1975

- 1 **MECHLER, B. and P. VASSALLI.** Membrane-bound ribosomes of myeloma cells. I. Preparation of free and membrane-bound ribosomal fractions. Assessment of the methods and properties of the ribosomes
- 16 **MECHLER, B. and P. VASSALLI.** Membrane-bound ribosomes of myeloma cells. II. Kinetic studies on the entry of newly made ribosomal subunits into the free and the membrane-bound ribosomal particles
- 25 **MECHLER, B. and P. VASSALLI.** Membrane-bound ribosomes of myeloma cells. III. The role of the messenger RNA and the nascent polypeptide chain in the binding of ribosomes to membranes
- 38 **HUANG, L. and R. E. PAGANO.** Interaction of phospholipid vesicles with cultured mammalian cells. I. Characteristics of uptake
- 49 **PAGANO, R. E. and L. HUANG.** Interaction of phospholipid vesicles with cultured mammalian cells. II. Studies of mechanism
- 61 **REIMERS, H. J. and J. F. MUSTARD, M. A. PACKHAM.** Transfer of adenine nucleotides between the releasable and nonreleasable compartments of rabbit blood platelets
- 72 **NIEDERMAN, R. and T. D. POLLARD.** Human platelet myosin. II. In vitro assembly and structure of myosin filaments
- 93 **POLLARD, T. D.** Electron microscopy of synthetic myosin filaments. Evidence for cross-bridge flexibility and copolymer formation
- 105 **HEIDEMANN, S. R. and M. W. KIRSCHNER.** Aster formation in eggs of *Xenopus laevis*. Induction by isolated basal bodies
- 118 **HERRUP, K. and E. M. SHOOTER.** Properties of β -nerve growth factor receptor in development
- 126 **HOWELL, S. H. and W. J. BLASCHKO, C. M. DREW.** Inhibitor effects during the cell cycle in *Chlamydomonas reinhardtii*. Determination of transition points in asynchronous cultures
- 136 **MORGAN, J. L. and N. W. SEEDS.** Tubulin constancy during morphological differentiation of mouse neuroblastoma cells
- 146 **WILLINGHAM, M. C. and I. PASTAN.** Cyclic AMP and cell morphology in cultured fibroblasts. Effects on cell shape, microfilament and microtubule distribution, and orientation to substratum
- 160 **DUNCAN, J. L. and R. SCHLEGEL.** Effect of streptolysin O on erythrocyte membranes, liposomes, and lipid dispersions. A protein-cholesterol interaction
- 174 **WALLACE, D. C. and C. L. BUNN, J. M. EISENSTADT.** Cytoplasmic transfer of chloramphenicol resistance in human tissue culture cells
- 189 **MCGILL, M. and B. R. BRINKLEY.** Human chromosomes and centrioles as nucleating sites for the in vitro assembly of microtubules from bovine brain tubulin
- 200 **PUVION, E. and W. BERNHARD.** Ribonucleoprotein components in liver cell nuclei as visualized by cryoultramicrotomy
- 215 **TEICHBERG, S. and E. HOLTZMAN, S. M. CRAIN, E. R. PETERSON.** Circulation and turnover of synaptic vesicle membrane in cultured fetal mammalian spinal cord neurons

BRIEF NOTES

- 231 **WOODRUM, D. T. and S. A. RICH, T. D. POLLARD.** Evidence for biased bidirectional polymerization of actin filaments using heavy meromyosin prepared by an improved method
- 237 **FELDMANN, G. and M. MAURICE, C. SAPIN, J.-P. BENHAMOU.** Inhibition by colchicine of fibrinogen translocation in hepatocytes
- 243 **JEON, K. W. and M. S. JEON.** Cytoplasmic filaments and cellular wound healing in *Amoeba proteus*