

CONTENTS VOLUME 83 JULY 1986

- page 1 HYLDAHL, L. Control of cell proliferation in the human embryonic cornea: an autoradiographic analysis of the effect of growth factors on DNA synthesis in endothelial and stromal cells in organ culture and after explantation *in vitro*
- 23 GREBECKI, A. Two-directional pattern of movements on the cell surface of *Amoeba proteus*
- 37 BROERS, J. L. V., CARNEY, D. N., KLEIN ROT, M., SCHAART, G., LANE, E. B., VOOIJS, G. P. and RAMAEKERS, F. C. S. Intermediate filament proteins in classic and variant types of small cell lung carcinoma cell lines: a biochemical and immunochemical analysis using a panel of monoclonal and polyclonal antibodies
- 61 BENNETT, H. and CONDEELIS, J. A gradient in the density of intramembrane particles is formed during capping induced by concanavalin A
- 77 KENDALL, M. D. and WARLEY, A. Elemental content of mast cell granules measured by X-ray microanalysis of rat thymic tissue sections
- 89 KNOWLES, B. H. and ELLAR, D. J. Characterization and partial purification of a plasma membrane receptor for *Bacillus thuringiensis* var. *kurstaki* Lepidopteran-specific δ -endotoxin
- 103 LEE, C. M., CARPENTER, F., COAKER, T. and KEALEY, T. The primary culture of epithelia from the secretory coil and collecting duct of normal human and cystic fibrotic eccrine sweat glands
- 119 CASEY, K. A., MAUREY, K. M. and STORRIE, B. Characterization of early compartments in fluid phase pinocytosis: a cell fractionation study
- 135 HEATH, I. B., KAMINSKYJ, S. G. W. and BAUCHOP, T. Basal body loss during fungal zoospore encystment: evidence against centriole autonomy
- 141 SIMONS, H. L. and SEVERS, N. J. Plasmalemmal vesicles and the effects of sterol-binding agents in rabbit aortic endothelium
- 155 ROTH, J. and CLEFFMANN, G. Pattern of DNA increase in macronuclear anlagen of *Tetrahymena*
- 165 KAY, R. R., GADIAN, D. G. and WILLIAMS, S. R. Intracellular pH in *Dictyostelium*: a ^{31}P nuclear magnetic resonance study of its regulation and possible role in controlling cell differentiation
- 181 SAWYER, J. T. and AKESON, R. A. Differential redistribution of lectin receptor classes on clonal rat myotubes and myoblasts
- 197 ISHIURA, S., NONAKA, I. and SUGITA, H. Biochemical aspects of bupivacaine-induced acute muscle degradation
- 213 MITCHELL, E. L. D. and HILL, R. S. The occurrence of lampbrush chromosomes in early diplotene oocytes of *Xenopus laevis*
- 223 QUADER, H. Cellulose microfibril orientation in *Oocystis solitaria*: proof that microtubules control the alignment of the terminal complexes
- 235 FANTINI, J., ABADIE, B., TIRARD, A., REMY, L., RIPERT, J. P., EL BATTARI, A. and MARVALDI, J. Spontaneous and induced dome formation by two clonal cell populations derived from a human adenocarcinoma cell line HT29
- 251 WARNER, F. D. and McILVAIN, J. H. Kinetic properties of microtubule-activated 13 S and 21 S dynein ATPases: evidence for allosteric behaviour associated with the inner row and outer row dynein arms
- 269 PRESTON, R. R. and NEWMAN, T. M. Rectilinear particle arrays in freeze-fracture replicas of the surface membrane of *Paramecium tetraurelia*
- 293 CHANDLER, D. E. and KAZILEK, C. J. Chemotactic peptide-induced exocytosis in neutrophils: granule fusion patterns depend on the source of messenger calcium
- 313 DUNN, G. A. and BROWN, A. F. Alignment of fibroblasts on grooved surfaces described by a simple geometric transformation