

CONTENTS VOLUME 84 AUGUST 1986

- page 1 LANE, N. J., DALLAI, R., BURIGHEL, P. and MARTINUCCI, G. B. Tight and gap junctions in the intestinal tract of tunicates (Urochordata): a freeze-fracture study
- 19 RAMANI, N., CHEGINI, N., RAO, CH. V., WOOST, P. G. and SCHULTZ, G. S. The presence of epidermal growth factor binding sites in the intracellular organelles of term human placenta
- 41 CHEGINI, N. and RAO, CH. V. Quantitative electron microscopic autoradiographic studies on internalization of ¹²⁵I-labelled epidermal growth factor in term human placenta
- 53 DIJKWEL, P. A. and WENINK, P. W. Structural integrity of the nuclear matrix: differential effects of thiol agents and metal chelators
- 69 OBERLEY, T. D., YANG, AN-HANG and KOSTKA, J. G. Selection of kidney cell types in primary glomerular explant outgrowths by *in vitro* culture conditions
- 93 WHETTON, A. D., HEYWORTH, C. M. and DEXTER, T. M. Phorbol esters activate protein kinase C and glucose transport and can replace the requirement for growth factor in interleukin-3-dependent multipotent stem cells
- 105 WOODCOCK, C. L. F. and WOODCOCK, H. Nuclear matrix generation during reactivation of avian erythrocyte nuclei: an analysis of the protein traffic in cybrids
- 129 CZOŁOWSKA, R., WAKSMUNDZKA, M., KUBIAK, J. Z. and TARKOWSKI, A. K. Chromosome condensation activity in ovulated metaphase II mouse oocytes assayed by fusion with interphase blastomeres
- 139 BAB, I., ASHTON, B. A., GAZIT, D., MARX, G., WILLIAMSON, M. C. and OWEN, M. E. Kinetics and differentiation of marrow stromal cells in diffusion chambers *in vivo*
- 153 KURIYAMA, R. Effect of taxol on first and second meiotic spindle formation in oocytes of the surf clam, *Spisula solidissima*
- 165 YANCHEVA, N., MARKOV, D. and DJONDJUROV, L. Evidence for the existence in the nuclei of Friend cells of a new type of ribonucleoprotein network
- 183 QUARNSTRÖM, E. E. and PAGE, R. C. Development of a three-dimensional extracellular matrix synthesized by human diploid fibroblasts *in vitro*
- 201 HARRISON, F. L. and CATT, J. W. Intra- and extracellular distribution of an endogenous lectin during erythropoiesis
- 213 BROADWATER, S. and SCOTT, J. Three-dimensional reconstruction of the chondriome of the unicellular red alga *Rhodella reticulata*
- 221 KNOWLES, B. H., FRANCIS, P. H. and ELLAR, D. J. Structurally related *Bacillus thuringiensis* δ -endotoxins display major differences in insecticidal activity *in vivo* and *in vitro*
- 237 HILL, R. J., KROFT, T., ZUKER, M. and SMITH, I. C. P. Large-scale selection synchrony of *Tetrahymena thermophila*
- 253 TANNENBAUM, J. and MIRANDA, A. F. Stimulation of actin synthesis by cytochalasin D is specific for the isoactins normally expressed in muscle or non-muscle cells
- 263 VICKER, M. G., LACKIE, J. M. and SCHILL, W. Neutrophil leucocyte chemotaxis is not induced by a spatial gradient of chemoattractant