

## CONTENTS VOLUME 55 JUNE 1982

<i>page</i>	
1	MURPHY, C. R., SWIFT, J. G., MUKHERJEE, T. M. and ROGERS, A. W. Changes in the fine structure of the apical plasma membrane of endometrial epithelial cells during implantation in the rat
13	SATIR, B. H. and WISSIG, S. L. Alveolar sacs of <i>Tetrahymena</i> : ultrastructural characteristics and similarities to subsurface cisterns of muscle and nerve
35	LITTLE, C. D. and CHEN, W.-T. Masking of extracellular collagen and the co-distribution of collagen and fibronectin during matrix formation by cultured embryonic fibroblasts
51	JOHN, P. C. L., LAMBE, C. A., MCGOOKIN, R., ORR, B and ROLLINS, M. J. Poly(A) <sup>+</sup> RNA populations, polypeptide synthesis and macromolecule accumulation in the cell cycle of the eukaryote <i>Chlorella</i>
69	GRUNWALD, G. B., PRATT, R. S. and LILIEN, J. Enzymic dissection of embryonic cell adhesive mechanisms. III. Immunological identification of a component of the calcium-dependent adhesive system of embryonic chick neural retina cells
85	COOK, J. H. and LILIEN, J. The accessibility of certain proteins on embryonic chick neural retina cells to iodination and tryptic removal is altered by calcium
105	OSHIMA, N. Electrophoretic movement of fertilized sea-urchin eggs
115	MELKONIAN, M., ROBENEK, H. and RASSAT, J. Flagellar membrane specializations and their relationship to mastigonemes and microtubules in <i>Euglena gracilis</i>
137	LANKS, K. W. and CHIN, N. W. Use of immobilized lactoperoxidase to label murine fibroblast proteins involved in adhesion to polystyrene
147	SMITH, M. W. and SYME, G. Functional differentiation of enterocytes in the follicle-associated epithelium of rat Peyer's patch
157	PEARSON, E. C. and DAVIES, H. G. Electron microscopic observations on the development and cytochemistry of the large granule complexes in chicken erythrocyte nuclei
189	ŠEVALJEVIĆ, L., PETROVIĆ, M., KONSTANTINOVIĆ, M. and KRTOLICA, K. Comparative studies of rat liver and sea urchin embryo nuclear matrices: partial fractionation and protein kinase activity distribution
199	HYAMS, J. S. The <i>Euglena</i> paraflagellar rod: structure, relationship to other flagellar components and preliminary biochemical characterization
211	OLSEN, I., DEAN, M. F. and HARRIS, G. Acquisition of $\beta$ -glucuronidase activity by deficient fibroblasts during direct contact with lymphoid cells
233	ROOS, E. and VAN DE PAVERT, I. V. Effect of tubulin-binding agents on the infiltration of tumour cells into primary hepatocyte cultures
247	MIRRE, C. and KNIBIEHLER, B. A re-valuation of the relationships between the fibrillar centres and the nucleolus-organizing regions in reticulated nucleoli: ultrastructural organization, number and distribution of the fibrillar centres in the nucleolus of the mouse Sertoli cell
261	KEEGAN, A., HILL, C., KUMAR, S., PHILLIPS, P., SCHOR, A. and WEISS, J. Purified tumour angiogenesis factor enhances proliferation of capillary, but not aortic, endothelial cells <i>in vitro</i>
277	LAROY, K. and WEEKS, G. Extraction of membrane factors that inhibit aggregation in <i>Dictyostelium discoideum</i>

