

Contents

VOLUME 90 PART 1 MAY 1988

Commentary		
Cook, P. R.		
The nucleoskeleton: artefact, passive framework or active site?	1	
Book Reviews	7	
Review		
Verheijen, R., van Venrooij, W. and Ramaekers, F.		
The nuclear matrix: structure and composition	11	
<hr/>		
Pape, R., Haacke-Bell, B., Lütke, N. and Plattner, H.		
Conjugation of <i>Paramecium tetraurelia</i> cells: selective wheat germ agglutinin binding, reversible local trichocyst detachment and secretory function repair	37	
Müller-Taubenberger, A., Hagmann, J., Noegel, A. and Gerisch, G.		
Ubiquitin gene expression in <i>Dictyostelium</i> is induced by heat and cold shock, cadmium, and inhibitors of protein synthesis	51	
Schleicher, M., Noegel, A., Schwarz, T., Wallraff, E., Brink, M., Faix, J., Gerisch, G. and Isenberg, G.		
A <i>Dictyostelium</i> mutant with severe defects in α -actinin: its characterization using cDNA probes and monoclonal antibodies	59	
Harris, A. and Coleman, L.		
Cultured epithelial cells derived from human foetal pancreas as a model for the study of cystic fibrosis: further analyses on the origins and nature of the cell types	73	
Maurice, M., Rogier, E., Cassio, D. and Feldmann, G.		
Formation of plasma membrane domains in rat hepatocytes and hepatoma cell lines in culture	79	
Cheng-Zhi, J.		
Dynamics of membrane skeleton in fused red cell membranes	93	
Szállási, Z., Szállási, A., Boján, F. and Zs-Nagy, I.		
Effect of enzymic (collagenase) harvesting on the intracellular Na^+/K^+ ratio of Swiss/3T3 cells as revealed by X-ray microanalysis		99
Enders, G. C. and Millette, C. F.		
Pachytene spermatocyte and round spermatid binding to Sertoli cells <i>in vitro</i>		105
Sanders, E. J. and Cheung, E.		
Effects of HNK-1 monoclonal antibody on the substratum attachment and survival of neural crest and sclerotome cells in culture		115
Liu, G. and Newell, P. C.		
Evidence that cyclic GMP regulates myosin interaction with the cytoskeleton during chemotaxis of <i>Dictyostelium</i>		123
Maddrell, S. H. P., Lane, N. J., Harrison, J. B., Overton, J. A. and Moreton, R. B.		
The initial stages in the action of an insecticidal δ -endotoxin of <i>Bacillus thuringiensis</i> var. <i>israelensis</i> on the epithelial cells of the Malpighian tubules		131
Green, S. J., Tarone, G. and Underhill, C. B.		
Distribution of hyaluronate and hyaluronate receptors in the adult lung		145
Chau, M. F. and Ng, S. F.		
The somatic function of the micronucleus in sexual reproduction of <i>Paramecium tetraurelia</i> : initiation of oral membranelle assembly		157
Tiedtke, A., Rasmussen, L., Florin-Christensen, J. and Florin-Christensen, M.		
Release of lysosomal enzymes in <i>Tetrahymena</i> : a Ca^{2+} -dependent secretory process		167
Smith, G. H. and Medina, D.		
A morphologically distinct candidate for an epithelial stem cell in mouse mammary gland		173
Announcements		
List of Supplements		