

Contents

VOLUME 93 PART 2 JUNE 1989

<hr/>	
Commentary	
Cheek, T. R. Spatial aspects of calcium signalling	211
Book Reviews	217
<hr/>	
Kumei, Y., Nakajima, T., Sato, A., Kamata, N. and Enomoto, S. Reduction of G ₁ phase duration and enhancement of <i>c-myc</i> gene expression in HeLa cells at hypergravity	221
Jakoi, E. R., Brown, A. L., Ho, Y.-S. and Snyderman, R. Molecular cloning of the cDNA for ligatin	227
Bülöw, R., Griffiths, G., Webster, P., Stierhof, Y.-D., Opperdoes, F. R. and Overath, P. Intracellular localization of the glycosyl-phosphatidylinositol-specific phospholipase C of <i>Trypanosoma brucei</i>	233
Bayley, P. M., Schilstra, M. J. and Martin, S. R. A simple formulation of microtubule dynamics: quantitative implications of the dynamic instability of microtubule populations <i>in vivo</i> and <i>in vitro</i>	241
Danowski, B. A. Fibroblast contractility and actin organization are stimulated by microtubule inhibitors	255
Busby, C. H. and Gunning, B. E. S. Development of the quadripolar meiotic apparatus in <i>Funaria</i> spore mother cells: analysis by means of anti-microtubule drug treatments	267
Wordeman, L., Masuda, H. and Cande, W. Z. Distribution of a thiophosphorylated spindle midzone antigen during spindle reactivation <i>in vitro</i>	279
Keryer, G., de Loubresse, N. G., Bordes, N. and Bornens, M. Identification of a spindle-associated protein in ciliate micronuclei	287
Heslop-Harrison, J. and Heslop-Harrison, Y. Conformation and movement of the vegetative nucleus of the angiosperm pollen tube: association with the actin cytoskeleton	299
Grove, B. D. and Vogl, A. W. Sertoli cell ectoplasmic specializations: a type of actin-associated adhesion junction?	309
Siegert, F. and Weijer, C. Digital image processing of optical density wave propagation in <i>Dictyostelium discoideum</i> and analysis of the effects of caffeine and ammonia	325
Lane, N. J., Harrison, J. B. and Lee, W. M. Changes in microvilli and Golgi-associated membranes of lepidopteran cells induced by an insecticidally active bacterial δ -endotoxin	337
Tousson, A., Alley, C. D., Sorscher, E. J., Brinkley, B. R. and Benos, D. J. Immunochemical localization of amiloride-sensitive sodium channels in sodium-transporting epithelia	349
Sleight, R. G. and Abanto, M. N. Differences in intracellular transport of a fluorescent phosphatidylcholine analog in established cell lines	363
Domozych, D. S. The disruption of dictyosomal integrity by caffeine in the green algal flagellate, <i>Gloeomonas kupfferi</i>	375
Kristen, U., Lockhausen, J., Menhardt, W. and Dallas, W. J. Computer-generated three-dimensional representation of dictyosomes reconstructed from electron micrographs of serial ultrathin sections	385
List of Supplements	

The Company of Biologists Limited

Department of Zoology, University of Cambridge, Downing Street, Cambridge CB2 3EJ

ISSN: 0021-9533

© The Company of Biologists Limited 1989