

CONTENTS VOLUME 60 NO. 1 1974

- 1 SAWAI, T. and M. YONEDA. Wave of stiffness propagating along the surface of the newt egg during cleavage
- 8 FARQUHAR, M. G. and J. J. M. BERGERON, G. E. PALADE. Cytochemistry of Golgi fractions prepared from rat liver
- 26 ALLEN, H. J. and C. AULT, R. J. WINZLER, J. F. DANIELLI. Chemical characterization of the isolated cell surface of *Amoeba*
- 39 KIERSZENBAUM, A. L. and L. L. TRES. Nucleolar and perichromosomal RNA synthesis during meiotic prophase in the mouse testis
- 54 BASEMAN, J. B. and D. PAOLINI, JR., H. AMOS. Stimulation by insulin of RNA synthesis in chick fibroblasts
- 65 MARGULIES, M. M. and A. MICHAELS. Ribosomes bound to chloroplast membranes in *Chlamydomonas reinhardtii*
- 78 DEWEL, W. C. and W. H. CLARK, JR. A fine structural investigation of surface specializations and the cortical reaction in eggs of the cnidarian *Bunodosoma cavernata*
- 92 WEINSTOCK, M. and C. P. LEBLOND. Synthesis, migration, and release of precursor collagen by odontoblasts as visualized by radioautography after [³H]proline administration
- 128 SIMIONESCU, M. and N. SIMIONESCU, G. E. PALADE. Morphometric data on the endothelium of blood capillaries
- 153 ERICKSON, H. P. Microtubule surface lattice and subunit structure and observations on reassembly
- 168 WADE, J. B. and M. J. KARNOVSKY. The structure of the zonula occludens. A single fibril model based on freeze-fracture
- 181 VAN RIJN, H. and M. M. BEVERS, R. VAN WIJK, W. D. WICKS. Regulation of phosphoenolpyruvate carboxykinase and tyrosine transaminase in hepatoma cell cultures. III. Comparative studies in H35, HTC, MH₁C₁, and RLC cells
- 192 MCINTYRE, J. A. and N. B. GILULA, M. J. KARNOVSKY. Cryoprotectant-induced redistribution of intramembranous particles in mouse lymphocytes
- 204 HEATH, I. B. Mitosis in the fungus *Thraustotheca clavata*
- 221 GILDER, J. and J. CRONSHAW. A biochemical and cytochemical study of adenosine triphosphatase activity in the phloem of *Nicotiana tabacum*
- 236 NICOLSON, G. L. and S. J. SINGER. The distribution and asymmetry of mammalian cell surface saccharides utilizing ferritin-conjugated plant agglutinins as specific saccharide stains
- 249 FROELICH, J. E. and M. RACHMELER. Inhibition of cell growth in the G₁ phase by adenosine 3',5'-cyclic monophosphate
- 258 BENNETT, G. and C. P. LEBLOND, A. HADDAD. Migration of glycoprotein from the Golgi apparatus to the surface of various cell types as shown by radioautography after labeled fucose injection into rats

BRIEF NOTES

- 285 SJOLUND, R. D. and D. D. SMITH. Freeze-fracture studies of photosynthetically deficient "supergranal" chloroplasts in tissue cultures containing virus-like particles
- 292 COPE, G. H. and M. A. WILLIAMS. Improved preservation of parotid tissue for electron microscopy. A method permitting the collection of valid stereological data
- 297 STADLER, J. and W. W. FRANKE. Characterization of the colchicine binding of membrane fractions from rat and mouse liver
- 303 HERZOG, V. and H. D. FAHIMI. The effect of glutaraldehyde on catalase. Biochemical and cytochemical studies with beef liver catalase and rat liver peroxisomes
- 311 STASNY, J. T. and R. C. BURNS, B. D. KORANT, R. W. F. HARDY. Electron microscopy of the Mo-Fe protein from *Azotobacter nitrogenase*
- 316 LANDIS, D. M. D. and T. S. REESE. Arrays of particles in freeze-fractured astrocytic membranes
- 321 SUMMERS, K. ATP-induced sliding of microtubules in bull sperm flagella