Regular Articles

249 A. R. Poole, I. Pidoux, and L. Rosenberg. Role of proteoglycans in endochondral ossification: immunofluorescent localization of link protein and proteoglycan monomer in bovine fetal epiphyseal growth plate

261 J. C. Gingrich, L. K. Blaha, and A. N. Glazer. Rod substructure in cyanobacterial phycobilisomes: analysis of Synechocystis 6701 mutants in low in phycoerythrin

269 A. H. Bunt and J. C. Saari. Fucosylated protein of retinal cone photoreceptor outer segments: morphologic and biochemical analyses

277 J. Finne, M. M. Burger, and J.-P. Prieels. Enzymatic basis for a lectin-resistant phenotype: increase in a fucosyltransferase in mouse melanoma cells

283 F. D. Howard, H. R. Petty, and H. M. McConnell. Identification of phagocytosis-associated surface proteins of macrophages by two-dimensional gel electrophoresis

289 S. Gunther, R. W. Alexander, W. J. Atkinson, and M. A. Gimbrone, Jr. Functional angiotensin II receptors in cultured vascular smooth muscle cells

299 B. L. Granger, E. A. Repasky, and E. Lazarides. Synemin and vimentin are components of intermediate filaments in avian erythrocytes

313 R. M. Leven and V. T. Nachmius. Cultured megakaryocytes: changes in the cytoskeleton after ADP-induced spreading

324 M. Taniguchi and H. Ishikawa. In situ reconstitution of myosin filaments within the myosin-extracted myofibril in cultured skeletal muscle cells

333 P. A. St. John, S. C. Froehner, D. A. Goodenough, and J. B. Cohen. Nicotinic postsynaptic membranes from Torpedo: sidedness, permeability to macromolecules, and topography of major polypeptides


350 R. Munson, Jr., K. L. Caldwell, and L. Glaser. Multiple controls for the synthesis of muscle-specific proteins in BC3H1 cells

357 A. Oohira, T. N. Wight, J. McPherson, and P. Bornstein. Biochemical and ultrastructural studies of proteoheparan sulfates synthesized by PYS-2, a basement membrane-producing cell line

368 H. Plattner, C. Westphal, and R. Tiggemann. Cytoskeleton–secretory vesicle interactions during the docking of secretory vesicles at the cell membrane in Paramecium tetraurelia cells

378 U. W. Goodenough, P. A. Dettmers, and C. Hwang. Activation for cell fusion in Chlamydomonas: analysis of wild-type gametes and nonfusing mutants

387 K. A. Holbrook, B. A. Dale, and K. S. Brown. Abnormal epidermal keratinization in the repeated epilation mutant mouse

398 L. S. Singer. Association of fibronectin and vinculin with focal contacts and stress fibers in stationary hamster fibroblasts

409 A. O. Jorgensen, A. C. Y. Shen, D. H. MacLennan, and K. T. Tokuyasu. Ultrastructural localization of the Ca\(^{2+}\) + Mg\(^{2+}\)-dependent ATPase of sarcoplasmic reticulum in rat skeletal muscle by immunoferritin labeling of ultrathin frozen sections

417 C. Tietze, P. Schlesinger, and P. Stahl. Mannose-specific endocytosis receptor of alveolar macrophages: demonstration of two functionally distinct intracellular pools of receptor and their roles in receptor recycling


443 R. W. Kessler and R. J. C. Levine. An electron microscopic and optical diffraction analysis of the structure of Limulus telson muscle thick filaments

452 J. E. Aubin, J. N. M. Heersche, M. J. Merrilees, and J. Sodek. Isolation of bone cell clones with differences in growth, hormone responses, and extracellular matrix production

462 E. Schwartz, R. S. Bienkowski, B. Coltoff-Schiller, S. Goldfischer, and O. O. Blumenfeld. Changes in the components of extracellular matrix and in growth properties of cultured aortic smooth muscle cells upon ascorbate feeding

471 G. F. Gauthier, S. Lowey, P. A. Benfield, and A. W. Hobbs. Distribution and properties of myosin isozymes in developing avian and mammalian skeletal muscle fibers

485 J. A. McDonald, D. G. Kelley, and T. J. Brockelmann. Role of fibronectin in collagen deposition: Fab to the gelatin-binding domain of fibronectin inhibits both fibronectin and collagen organization in fibroblast extracellular matrix

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505 A. Vandewalle, B. Kopper-Hobelsberger, and H.-G. Heidrich. Cortical cell populations from rabbit kidney isolated by free-flow electrophoresis: characterization by measurement of hormone-sensitive adenylate cyclase
Cytoplasmic surface structure in postsynaptic membranes from electric tissue visualized by tannic acid-mediated-negative contrasting

Growth control in cultured 3T3 fibroblasts. II. Molecular properties of a fraction enriched in growth inhibitory activity

Amplified dihydrofolate reductase genes are located in chromosome regions containing DNA that replicates during the first half of S-phase

Dynamics of spindle microtubule organization: kinetochore fiber microtubules of plant endosperm

Microinjection of cytoplasm as a test of complementation in Paramecium

Concanavalin A induces interactions between surface glycoproteins and the platelet cytoskeleton

Rapid Communications

Assembly of keratin onto PtK₁ cytoskeletons: evidence for an intermediate filament organizing center

Characterization of molecules involved in protein translocation using a specific antibody

Platelet-derived growth factor is chemotactic for fibroblasts

Initial phase of dendrite growth: evidence for the involvement of high molecular weight microtubule-associated proteins (HMWP) before the appearance of tubulin