

AUTHOR INDEX

- Abdel-Latif, A.A. and Luke, B.
Sodium ion and the neurotransmitter-stimulated ^{32}P labelling of phosphoinositides and other phospholipids in the iris muscle (673) 64
- Adachi, S., see Saito, T. (673) 487
- Asamizu, T., see Nishi, A. (673) 243
- Aström, A. and DePierre, J.W.
Characterization of the induction of drug-metabolizing enzymes by 2-acetylaminofluorene (673) 225
- Azerad, R., see Chander, K.S. (673) 157
- Barranger, J.A., see Furbish, F.S. (673) 425
- Barrowman, J.A., see Ratnam, S. (673) 435
- Barry, B.K., see Ignarro, L.J. (673) 394
- Baricos, W.H., see Ignarro, L.J. (673) 394
- Beckner, S.K. and Blecher, M.
Regulatory states of adenylate cyclase in RL-PR-C cloned rat hepatocytes (673) 467
- Beckner, S.K. and Blecher, M.
Endogenous and cholera toxin-catalyzed ADP-ribosylation of a plasma membrane protein of RL-PR-C cloned rat hepatocytes (673) 477
- Blecher, M., see Beckner, S.K. (673) 467
- Blecher, M., see Beckner, S.K. (673) 477
- Bools, C., see Shaltz, L.J.C. (673) 539
- Brachet, E. and Kahn, A.
Cyclic AMP and permeability coefficient of albumin of the isolated rat mesentery. Effects of *Escherichia coli* endotoxin (673) 495
- Brittain, T.
Studies on ligand binding to sulphaemoglobin (673) 253
- Buddecke, E., see Peters, C. (673) 270
- Burkart, T., Weissmann, U.N., Siegrist, H.P. and Herschkowitz, N.N.
Net sulfatide synthesis, galactosylceramide sulfotransferase and arylsulfatase A activity in the developing cerebrum and cerebellum of normal mice and myelin-deficient jimpy mice (673) 351
- Burke, G., see Friedman, Y. (673) 114
- Caillé, J.P.
The myoplasmic fixed charges of the barnacle muscle fiber and the free Ca^{2+} concentration (673) 416
- Campana, T., see Pollack, S. (673) 366
- Chander, K.S., Gaudry, M., Marquet, A., Rikong-Adie, H., Decottignies-Lemarchal, P. and Azerad, R.
Effect of reduced vitamin K esters on vitamin K-dependent carboxylation (673) 157
- Collen, D., see Hoylaerts, M. (673) 75
- Collins, J.M., see Ratnam, S. (673) 435
- Cole, E.S., see Nunez, M.T. (673) 137
- Davis, B.B., see Rapp, N.S. (673) 163
- Decottignies-Lemarchal, P., see Chander, K.S. (673) 157
- Delaissé, J.-M., see Francois-Gillet, C. (673) 1
- Demaille, J.G., see Feinberg, J. (673) 303
- DePierre, J.W., see Aström, A. (673) 225
- Dohi, T. and Murad, F.
Effects of pyruvate and other metabolites on cyclic GMP levels in incubations of rat hepatocytes and kidney cortex (673) 14
- Dukřková, E., see Lešková, Z. (673) 10
- Eeckhout, Y., see Francois-Gillet, C. (673) 1
- Eisenstein, S.M., see Lyons, G. (673) 443
- Feinberg, J., Weinman, J., Weinman, S., Walsh, M.P., Harricane, M.C., Gabrion, J. and Demaille, J.G.
Immunocytochemical and biochemical evidence for the presence of calmodulin in bull sperm flagellum. Isolation and characterization of sperm calmodulin (673) 303
- Finkelstein, M.C., Kuhn, S.H., Schieren, H., Weissmann, G. and Hoffstein, S.
Liposome uptake by human leukocytes. Enhancement of entry mediated by human serum and aggregated immunoglobulins (673) 286
- Foley, R., see Laursen, A.L. (673) 132

- Foley, J.E., see Laursen, A.L. (673) 132
- Fowler, B.A., see Ridlington, J.W. (673) 177
- François-Gillet, C., Delaissé, J.-M., Eeckhout, Y. and Vaes, G.
Immunoreactive collagenase and bone resorption (673) 1
- Fraser, I.H., see Ratnam, S. (673) 435
- Friedman, Y., Lang, M. and Burke, G.
Role of guanine nucleotides in the stimulation of thyroid adenylate cyclase by prostaglandin E_1 and cholera toxin (673) 114
- Furbish, F.S., Steer, C.J., Krett, N.L. and Barranger, J.A.
Uptake and distribution of placental glucocerebrosidase in rat hepatic cells and effects of sequential deglycosylation (673) 425
- Gabrior, J., see Feinberg, J. (673) 303
- Gaudry, M., see Chander, K.S. (673) 157
- Gelfand, V.I., see Serpinskaya, A.S. (673) 86
- Glass, J., see Nunez, M.T. (673) 137
- Gliemann, J., see Laursen, A.L. (673) 132
- Gold, E.W.
The quantitative spectrophotometric estimation of total sulfated glycosaminoglycan levels. Formation of soluble alcian blue complexes (673) 408
- Goldberg, M., Pecht, I., Kramer, H.E.A., Traber, R. and Hemmerich, P.
Structure and properties of 5-deazaflavin radicals as compared to natural flavosemiquinones (673) 570
- Goldstone, A.D., Koenig, H. and Lu, C.Y.
Androgens regulate cells growth, lysosomal hydroxylase and mitochondrial cytochrome c oxidase in mouse aorta (673) 170
- Gruetter, C.A., see Ignarro, L.J. (673) 394
- Gruetter, D.Y., see Ignarro, L.J. (673) 394
- Habeer, A.F.S.A.
A novel preparation of immunoabsorbents. Controlled coupling of proteins to Sepharose-gelatin by heterobifunctional reagent (673) 527
- Hara, H., Lamon, K.D. and Kaji, H.
Effect of temperature on normal and SV40-transformed human fibroblasts (673) 37
- Harricane, M.C., see Feinberg, J. (673) 303
- Hemmerich, P., see Goldberg, M. (673) 570
- Herschkowitz, N.N., see Burkart, T. (673) 351
- Hoffstein, S., see Finkelstein, M.C. (673) 286
- Hofmann, H., see Schmut, O. (673) 192
- Hoylaerts, M., Lijnen, H.R. and Collen, D.
Studies of the mechanism of the antifibrinolytic action of tranexamic acid (673) 75
- Hubbard, J.R. and Liberti, J.P.
Enhancement of cartilage protease activity during age and growth hormone-dependent growth (673) 332
- Ignarro, L.J., Barry, B.K., Gruetter, D.Y., Ohlstein, E.H., Gruetter, C.A., Kadowitz, P.J. and Baricos, W.H.
Selective alterations in responsiveness of guanylate cyclase to activation by nitroso compounds during enzyme purification (673) 394
- Ishida, N., see Ohtsuki, K. (673) 147
- Ishikawa, T., see Uno, I. (673) 197
- Itoh, T., see Saito, T. (673) 487
- Jamieson, G.A., see Jung, S.M. (673) 312
- Jung, S.M., Ordinas, A. and Jamieson, G.A.
Synergistic effects of lectins in the interaction of thrombin with human platelets (673) 312
- Junker, K.
Binding of dexamethasone and inhibition of transport of 3-O-methylglucose in rat thymocytes (673) 517
- Kadowitz, P.J., see Ignarro, L.J. (673) 394
- Kahn, A., see Brachet, E. (673) 495
- Kaji, H., see Hara, H. (673) 37
- Katoh, T., see Nishi, A. (673) 243
- Keller, R.K. and Swank, G.D.
Studies on the relative rates of intracellular transport of egg white proteins (673) 93
- Keski-Oja, J., Todaro, G.J. and Vaheri, A.
Thrombin affects fibronectin and procollagen in the pericellular matrix of cultured human fibroblasts (673) 323
- Kinpara, H., see Nishi, A. (673) 243
- Klootwijk, W., see Visser, T.J. (673) 454
- Koenig, H., see Goldstone, A.D. (673) 170
- Koike, T., see Ohtsuki, K. (673) 147
- Kopin, B.P., see Serpinskaya, A.S. (673) 86
- Koyama, K., see Ohtsuki, K. (673) 147
- Kramer, H.E.A., see Goldberg, M. (673) 570
- Krett, N.L., see Furbish, F.S. (673) 425
- Kuhn, S.H., see Finkelstein, M.C. (673) 286
- Lamon, K.D., see Hara, H. (673) 37
- Lang, M., see Friedman, Y. (673) 114
- Laursen, A.L., Foley, J.E., Foley, R. and Gliemann, J.
Termination of insulin-induced hexose

- transport in adipocytes (673) 132
- Lawrence, J.-A., see Ratnam, S. (673) 435
- Lešková, Z., Dukíková, E. and Šubík, J.
 α -Glucosidase synthesis in yeast cells
 depleted of intramitochondrial ATP
 (673) 10
- Liberti, J.P. see Hubbard, J.R. (673) 332
- Lijnen, H.R., see Hoylaerts, M. (673) 75
- Lipton, J.H. and Sachs, L.
 Characterization of macrophage- and granulocyte-inducing proteins for normal and leukemic myeloid cells produced by the Krebs ascites tumor (673) 552
- Lu, C.Y., see Goldstone, A.D. (673) 170
- Luke, B., see Abdel-Latif, A.A. (673) 64
- Lyons, G., Eisenstein, S.M. and Sweet, M.B.E.
 Biochemical changes in intervertebral disc degeneration (673) 443
- Mailman, M.L., see Simpson, J.W. (673) 279
- Maines, M.D.
 Zinc protoporphyrin is a selective inhibitor of heme oxygenase activity in the neonatal rat (673) 339
- Malbon, C.C.
 β -Adrenergic activity of ($\pm$)hydroxybenzylisoproterenol in isolated rat fat cells and hepatocytes (673) 203
- Marquet, A., see Chander, K.S. (673) 157
- Masumoto, K., see Nishi, A. (673) 243
- McGing, P.G. and Scott, J.M.
 Evidence that the decreased liver folate status following vitamin B-12 inactivation in the mouse is due to increased loss rather than impaired uptake (673) 594
- Miller, E.C., see Swanson, A.B. (673) 504
- Miller, J.A., see Swanson, E.C. (673) 504
- Mookerjee, S., see Ratnam, S. (673) 435
- Mori, Y., see Uzuka, M. (673) 387
- Murad, F., see Dohi, T. (673) 14
- Nakajima, K., see Uzuka, M. (673) 387
- Naumoff, P.A. and Stevenson, P.M.
 The differential development of mitochondrial cytochrome P-450 and the respiratory cytochromes in rat ovary (673) 359
- Nishi, A., Masumoto, K., Asamizu, T., Katoh, T. and Kinpara, H.
 Hexosamine metabolism during spherule formation in *Physarum polycephalum* (673) 243
- Nunez, M.T., Glass, J. and Cole, E.S.
 The stability in various detergents of transferrin-transferrin receptor complexes from reticulocyte plasma membranes (673) 137
- Ohlstein, E.H., see Ignarro, L.J. (673) 394
- Ohta, S., see Uzuka, M. (673) 387
- Ohtsuki, K., Sato, T., Koike, T., Koyama, K. and Ishida, N.
 The inhibitory mechanism of in vitro protein phosphorylation by a nonprotein chromophore removed from neocarzinostatin (673) 147
- Ordinas, A., see Jung, S.M. (673) 312
- Orleman, A., see Woodside, K.H. (673) 184
- Pecht, I., see Goldberg, M. (673) 570
- Peters, C., Schwermann, J., Schmidt, A. and Buddecke, E.
 Phosphate ester groups in proteoglycans from bovine nasal cartilage (673) 270
- Peters, T.J., see Smith, G.P. (673) 234
- Pollack, S. and Campana, T.
 Early events in guinea pig reticulocyte iron uptake (673) 366
- Rapp, N.S., Zenser, T.V. and Davis, B.B.
 6-Ketoprostaglandin E_1 stimulation of rat and rabbit renal adenylate cyclase-cyclic AMP systems (673) 163
- Ratnam, S., Fraser, I.H., Collins, J.M., Lawrence, J.-A., Barrowman, J.A. and Mookerjee, S.
 Elevated sialyltransferase activity in the intestinal lymph of colchicine-treated rats (673) 435
- Reinmann, E.M., see Shultz, L.J.C. (673) 539
- Rodan, S.B. and Rodan, G.A.
 Parathyroid hormone and isoproterenol stimulation of adenylate cyclase in rat osteosarcoma clonal cells. Hormone competition and site heterogeneity (673) 46
- Rodan, S.B. and Rodan, G.A.
 The role of Mg^{2+} in hormone stimulation of rat osteosarcoma adenylate cyclase (673) 55
- Rodan, G.A., see Rodan, S.B. (673) 46
- Rodan, G.A., see Rodan, S.B. (673) 55
- Roques, M., see Tirard, A. (673) 124
- Rowland, R.N. and Woodley, J.F.
 The uptake of distearoylphosphatidylcholine/cholesterol liposomes by rat intestinal sacs in vitro (673) 217
- Richardson, J.C.W., Scalera, V. and Simmons, N.L.
 Identification of two strains of MDCK cells which resemble separate nephron tubule segments (673) 26
- Ridlington, J.W., Winge, D.R. and Fowler, B.A.
 Long-term turnover of cadmium metallothionein in liver and kidney following a

- single low dose of cadmium in rats (673) 177
- Rikong-Adie, H., see Chander, K.S. (673) 157
- Sachs, L., see Lipton, J.H. (673) 552
- Saito, T., Itoh, T. and Adachi, S.
The chemical structure of a tetrasaccharide containing N-acetylglucosamine obtained from bovine colostrum κ -casein (673) 487
- Sato, T., see Ohtsuki, K. (673) 147
- Scalera, V., see Richardson, J.C.W. (673) 26
- Schieren, H., see Finkelstein, M.C. (673) 286
- Schmidt, A., see Peters, C. (673) 270
- Schmut, O. and Hofmann, H.
A method for the purification of bovine vitreous body hyaluronic acid (673) 192
- Schwermann, J., see Peters, C. (673) 270
- Scott, J.M., see McGing, P.G. (673) 594
- Seeman, M., see Tsai, J.S. (673) 259
- Serpinskaya, A.S., Gelfand, V.I. and Kopnin, B.P.
Comparison of mitostatic effect, cell uptake and tubulin-binding activity of colchicine and colcemid (673) 86
- Shultz, L.J.C., Bools, C. and Reinmann, E.M.
Phosphorylation of membranes from the rat gastric mucosa (673) 539
- Siegrist, H.P., see Burkart, H. (673) 351
- Simmons, N.L., see Richardson, J.C.W. (673) 26
- Simpson, J.W. and Mailman, M.L.
Synthesis of a collagenase inhibitor by gingival fibroblasts in culture (673) 279
- Smith, G.P. and Peters, T.J.
Subcellular localization and properties of adenosine diphosphatase activity in human polymorphonuclear leukocytes (673) 234
- Stanescu, V. and Sweet, M.B.E.
Characterization of a proteoglycan of high electrophoretic mobility (673) 101
- Steer, C.J., see Furbish, F.S. (673) 425
- Stevenson, P.M., see Naumoff, P.A. (673) 359
- Šubík, J., see Lešková, Z. (673) 10
- Swank, G.D., see Keller, R.K. (673) 93
- Swanson, A.B., Miller, E.C. and Miller, J.A.
The side-chain epoxidation and hydroxylation of the hepatocarcinogens safrole and estragole and some related compounds by rat and mouse liver microsomes (673) 504
- Sweet, M.B.E., see Lyons, G. (673) 443
- Sweet, M.B.E., see Stanescu, V. (673) 101
- Tirard, A. and Roques, M.
Cyclic AMP binding proteins in the rat thyroid cytosol. Effects of suppression and stimulation of thyroid activity (673) 124
- Todaro, G.J., see Keski-Oja, J. (673) 323
- Traber, R., see Goldberg, M. (673) 570
- Tsai, J.S. and Seeman, M.
In vitro characterization of the mechanism of insulin degradation and the effect of chloroquine (673) 259
- Uno, I. and Ishikawa, T.
Endogenous substrates for protein kinases in *Coprinus macrorhizus* (673) 197
- Uzuka, M., Nakajima, K., Ohta, S. and Mori, Y.
Induction of hyaluronic acid synthetase by estrogen in the mouse skin (673) 387
- Vaes, G., see Francois-Gillet, C. (673) 1
- Vaheri, A., see Keski-Oja, J. (673) 323
- Visser, T.J. and Klootwijk, W.
Approaches to a markedly increased sensitivity of the radioimmunoassay for thyrotropin-releasing hormone by derivatization (673) 454
- Walsh, M.P., see Feinberg, J. (673) 303
- Weinman, J., see Feinberg, J. (673) 303
- Weinman, S., see Feinberg, J. (673) 303
- Weismann, U.N., see Burkart, T. (673) 351
- Weissmann, G., see Finkelstein, M.C. (673) 286
- West, D.W.
Energy-dependent calcium sequestration activity in a Golgi apparatus fraction derived from lactating rat mammary glands (673) 374
- Winge, D.R., see Ridlington, J.W. (673) 177
- Woodley, J.F., see Rowland, R.N. (673) 217
- Woodside, K.H. and Orleman, A.
Stimulation of endogenous proteolysis in macrophages exposed to sporulating bacteria (673) 184
- Zenser, T.V., see Rapp, N.S. (673) 163