

TITLES OF RELATED PAPERS IN OTHER SECTIONS

The following papers which have recently appeared in other sections of BIOCHIMICA ET BIOPHYSICA ACTA may be of interest to the readers of this specialized section:

BBA-GENERAL SUBJECTS

Density labelling characterization of the effects of cordycepin and cycloheximide on the turnover of phenylalanine ammoniolyase (BBA 29593)
by C.J. Lamb, M.A. Lawton and S.E. Shields (Oxford, U.K.)
..... 675 (1981) 1–3

The reversible binding of glycolytic enzymes in ovine skeletal muscle in response to tetanic stimulation (BBA 29601)
by T.P. Walsh, C.J. Masters, D.J. Morton and F.M. Clarke (St. Lucia and Nathan and Cannon Hill, Australia) 675 (1981) 29–39

Distinct effects of the C-terminal octapeptide of cholecystokinin and of a cholera toxin pretreatment of the kinetics of rat pancreatic adenylate cyclase activity (BBA 29606)
by M. Svoboda, M. Lambert and J. Christophe (Brussels, Belgium) 675 (1981) 46–61

Subcellular distributions of UDP-galactose:polysaccharide transferase and UDP-glucose pyrophosphorylase involved in biosynthesis of prespore-specific acid mucopolysaccharide in *Dictyostelium discoideum* (BBA 29602)
by T. Ikeda (Ishikawa, Japan) 675 (1981) 69–76

Inactivation of phagocytosis-stimulating activity of tuftsin by polymorphonuclear neutrophils. A possible role of leucine aminopeptidase as an ecto-enzyme (BBA 29604)
by I. Nagaoka and T. Yamashita (Tokyo, Japan) 675 (1981) 85–93

Glycogen synthase activity in Chinese hamster ovary cells. Studies with wild-type and mutant cells defective in cyclic AMP-dependent protein kinase (BBA 29619)
by A. LeCam, M.M. Gottesman and I. Pastan (Bethesda, MD, U.S.A.) 675 (1981) 94–100

Effect of glycogenolytic agents on glycogen synthase activity in polymorphonuclear leukocytes. Evidence for a Ca^{2+} -mediated regulation of glycogen synthase activity (BBA 29616)
by H. Juhl and N. Borregaard (Aarhus, Denmark) 675 (1981) 101–109

Decay of proteinase and peptidase activities of human and rabbit erythrocytes during cellular aging (BBA 29605)

by E. Melloni, F. Salamino, B. Sparatore, M. Michetti, A. Morelli, U. Benatti, A. De Flora and S. Pontremoli (Genoa, Italy) 675 (1981) 110–116

Dexamethasone effects on liver pyruvate kinase (BBA 21556)
by M.L. Johnson, J.B. Hansen, J.C. Donofrio and C.M. Venezia (Rochester, MN, U.S.A.) 675 (1981) 140–142

Ion activity decrease in the presence of sucrose (BBA 29631)
by L. Vassilev and G. Russev (Sofia, Bulgaria) 675 (1981) 214–216

Interaction of guanine nucleotides with adenylate cyclase in normal and spontaneously transformed RL-PR-C cloned rat hepatocytes (BBA 29629)
by T.M. Reilly, E.M. McHugh and M. Blecher (Washington, DC, U.S.A.) 675 (1981) 217–225

Histone phosphorylation in phorbol ester stimulated and β -adrenergically stimulated mouse epidermis in vivo and characterization of an epidermal protein phosphorylation system (BBA 29628)
by R. Link and F. Marks (Heidelberg, F.R.G.) 675 (1981) 265–275

Regulation by a β -adrenergic receptor of a Ca^{2+} -independent adenosine 3',5'-(cyclic)monophosphate phosphodiesterase in C6 glioma cells (BBA 29638)
by P. Onali, J.P. Schwartz, I. Hanbauer and E. Costa (Washington, DC, U.S.A.) 675 (1981) 285–292

Somatostatin is a potent activator of phosphoprotein phosphatases in the digestive tract (BBA 21559)
by F. Rey and M.J.M. Lewin (Paris, France) 675 (1981) 297–300

BBA-PROTEIN STRUCTURE

High levels of active 40 000-dalton renin in mouse saliva, but no evidence of inactive or high molecular weight forms (BBA 38682)
by E.B. Pedersen and K. Poulsen (Copenhagen, Denmark) 669 (1981) 7–12

Purification and properties of thiol protease inhibitor from rat liver cytosol (BBA 38676)

by M. Hirado, D. Iwata, M. Niinobe and S. Fujii (Osaka, Japan) 669 (1981) 21–27

The structure and organization of dopamine- β -hydroxylase in the chromaffin granule membrane (BBA 38681)

by P. Blakeborough, C.F. Louis and A.J. Turner (Leeds, U.K.) 669 (1981) 33–38

Amino acid sequence of horse colipase B (BBA 39687)

by J. Bonicel, P. Couchoud, E. Foglizzo, P. Desnuelle and C. Chapus (Marseilles, France) 669 (1981) 39–45

Comparison of the active center geometries in phospholipase, trypsin and thermolysin (BBA 38683)

by G. Kramer and P. Argos (West Lafayette, IN, U.S.A.) 669 (1981) 93–97

BBA-BIOENERGETICS

The reaction between cytochrome c_1 and cytochrome c (BBA 48055)

by B.W. König, J. Wilms and B.F. Van Gelder (Amsterdam, The Netherlands) 636 (1981) 9–16

Energy status, growth and nitrogenase activity in continuous cultures of *Rhizobium* sp. strain CB756 supplied with NH_4^+ and various rates of aeration (BBA 48064)

by T.M. Ching, F.J. Bergersen and G.L. Turner (Canberra, Australia) 636 (1981) 82–90

Studies on beef heart ubiquinol-cytochrome c reductase. Quantification and distribution of the core proteins as determined by radioimmunoassay (BBA 48065)

by I. Mendel-Hartvig and B.D. Nelson (Stockholm, Sweden) 636 (1981) 91–97

Biogenesis of mitochondria. Defective assembly of the proteolipid into the mitochondrial adenosine triphosphatase complex in an *oli2 mit⁻* mutant of *Saccharomyces cerevisiae* (BBA 48069)

by G. Stephenson, S. Marzuki and A.W. Linnane (Clayton, Australia) 636 (1981) 104–113

Thioredoxin/fructose-1,6-bisphosphatase affinity in the enzyme activation by the ferredoxin-thioredoxin system (BBA 48070)

by A. Pla and J. Lopez-Gorge (Granada, Spain) 636 (1981) 114–119

BBA-LIPID AND LIPID METABOLISM

The effect of lead on hemoglobin-catalyzed lipid peroxidation (BBA 57810)

by S.R. Ribarov, L.C. Benov and I.C. Benchev (Pleven, Bulgaria) 664 (1981) 453–459

Enzymic synthesis of steroid sulphates. XIV. Properties of human adrenal steroid alcohol sulphotransferase (BBA 57806)

by J.B. Adams and D. McDonald (Kensington, Australia) 664 (1981) 460–468

The identity and properties of two forms of activated colipase from porcine pancreas (BBA 57817)

by A. Larsson and C. Erlanson-Albertsson (Lund, Sweden) 664 (1981) 538–548

Mechanism of activation of glucocerebrosidase by co- β -glucosidase (glucosidase activator protein) (BBA 57819)

by S.L. Berent and N.S. Radin (Ann Arbor, MI, U.S.A.) 664 (1981) 572–582

BBA-BIOMEMBRANES

Phosphorylation and dephosphorylation of the Ca^{2+} pump of human red cells in the presence of monovalent cations (BBA 79286)

by J.N. Larocca, A.F. Rega and P.J. Garrahan (Buenos Aires, Argentina) 645 (1981) 10–16

Superoxide dismutase within the bovine erythrocyte membrane (BBA 79302)

by A. Petkau, T.P. Copps and K. Kelly (Pinawa, Canada) 645 (1981) 71–80

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

Nucleic acid-protein interactions. Degradation of double-stranded RNA by glycosylated ribonucleases (BBA 99870)

by A. Carsana, A. Furia, A. Gallo, J.J. Beintema and M. Libonati (Naples, Italy and Groningen, The Netherlands) 654 (1981) 77–85

Mechanism of aminoacylation of tRNA. Influence of spermine on the kinetics of aminoacyl-tRNA synthesis by isoleucyl- and valyl-tRNA synthetases from *Mycobacterium smegmatis* (BBA 99878)

by V. Natarajan and K.P. Gopinathan (Bangalore, India) 654 (1981) 94–101

Dietary regulation of pancreatic protein synthesis. I. Rapid and specific modulation of enzyme synthesis by changes in dietary composition (BBA 99871)

by J.C. Dagorn and R.G. Lahaie (Marseilles, France) 654 (1981) 111–118

Dietary regulation of pancreatic protein synthesis. II. Kinetics of adaptation of protein synthesis and its effect on enzyme content (BBA 99872)

by R.G. Lahaie and J.C. Dagorn (Marseilles, France) 654 (1981) 119–123