

TITLES OF RELATED PAPERS IN OTHER SECTIONS

The following papers that 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

- Cellular localization of α -ketoglutarate:glyoxylate carboligase in rat tissues (BBA 28316)
by J.V. O'Fallon and R.W. Brosemer (Pullman, Wash., U.S.A.) . . 499 (1977) 321–328
- Activation of the renal cortical and hepatic guanylate cyclase-guanosine 3',5'-monophosphate systems by nitrosoureas. Divalent cation requirements and relationship to thiol reactivity (BBA 28318)
by F.R. DeRubertis and P.A. Craven (Pittsburgh, Pa., U.S.A.) . . . 499 (1977) 337–351
- Enzymatic release of iron from sideramines in fungi. NADH:sideramine oxidoreductase in *Neurospora crassa* (BBA 28347)
by J.F. Ernst and G. Winkelmann (Tübingen, G.F.R.) 500 (1977) 27–41
- Radioimmunoassay and chemical properties of glucose-6-phosphate dehydrogenase and of a specific NADP(H)-binding protein (FX) from human erythrocytes (BBA 28339)
by A. De Flora, A. Morelli, M. Frascio, G. Corte, B. Curti, M. Galiano, C. Gozzer, L. Minchiotti, C. Marenzi and G. Gaetani (Genoa, Milan and Pavia, Italy) 500 (1977) 109–123
- Studies on adenosine 3',5'-phosphate-binding and adenosine 3',5'-phosphate-dependent protein kinase activities associated with subcellular fractions of Chinese hamster ovary cells (BBA 28331)
by A.P. Li and A.W. Hsie (Oak Ridge, Tenn., U.S.A.) 500 (1977) 140–151
- Effects of isoproterenol on cyclic AMP and cyclic AMP-dependent protein kinase in developing chick myocardium (BBA 28337)
by M.M. Hosey and R.D. Green (Chicago, Ill., U.S.A.) 500 (1977) 152–161
- Colchicine increases hepatic alkaline phosphatase activity (BBA 21458)
by G. Wilfred (Vellore, India) 500 (1977) 209–212

BBA-PROTEIN STRUCTURE

- Circular dichroism of porcine, bovine, and equine pancreatic phospholipases A₂ and their zymogens. Unusual conformations simulating helix content (BBA 37770)
by B. Jirgensons and G.H. de Haas (Houston, Texas, U.S.A. and Utrecht, The Netherlands) 494 (1977) 285–292
- On the reactivities of the tryptophan residues of human α -lactalbumin to 2-hydroxy-5-nitrobenzyl bromide (BBA 37763)
by T.E. Barman and R.A. Perry (Reading, U.K.) 494 (1977) 314–318

- Phosphodiesterase from cultured tobacco cells. Physical and chemical properties (BBA 37787)
by H. Shinsi, K. Katō, M. Miwa, T. Matsushima, M. Noguchi and T. Sugimura (Yokohama and Tokyo, Japan) 495 (1977) 71—76

BBA-LIPIDS AND LIPID METABOLISM

- Age-dependent modulation of 3'-phosphoadenosine-5'-phosphosulfate-galactosylceramide sulfotransferase by lipids extracted from the microsomal membranes and artificial lipid mixtures (BBA 57075)
by H.P. Siegrist, H. Jutzi, A.J. Steck, T. Burkart, U. Wiesmann and N. Herschkowitz (Bern, Switzerland) 489 (1977) 58—63
- Enzyme affinity in the acylation of lysophosphatidylcholine (BBA 57058)
by B. Wittels and S. Hurlbert (Durham and Research Triangle Park, N.C., U.S.A.) 489 (1977) 72—78
- The influence of cholesterol on the activity, on the isothermic kinetics and on the temperature-induced kinetics of 3-hydroxy-3-methylglutaryl coenzyme A reductase (BBA 57073)
by K.A. Mitropoulos and S. Venkatesan (London, U.K.) 489 (1977) 126—142
- Chemical modifications of pancreatic colipase (BBA 57061)
by C. Erlanson, J.A. Barrowman and B. Borgström (Lund, Sweden) 489 (1977) 150—162
- The specificity of 1-acyl-*sn*-glycerol 3-phosphate acyltransferase in microsomal fractions from lactating cow mammary gland towards short, medium and long chain acyl-CoA esters (BBA 57079)
by M.O. Marshall and J. Knudsen (Odense, Denmark) 489 (1977) 236—241
- Purification of lysophospholipases. Application of a continuous spectrophotometric assay using thioester substrate analogs (BBA 57081)
by A.J. Aarsman, J.D.R. Hille and H. van den Bosch (Utrecht, The Netherlands) 489 (1977) 242—246
- Physicochemical properties of a lipase from *Pseudomonas fluorescens* (BBA 57085)
by M. Sugiura and T. Oikawa (Tokyo, Japan) 489 (1977) 262—268
- Polyprenylpyrophosphate:4-hydroxybenzoate-polyprenyltransferase activity in yeast. Relationship to mitochondrial development (BBA 51213)
by J. Casey and D.R. Threlfall (Hull, U.K.) 489 (1977) 343—347

BBA-BIOMEMBRANES

- Partition of catalase and its peroxidase activities in human red cell membrane. Effect of ATP depletion (BBA 77815)
by L.M. Snyder, S.C. Liu, J. Palek, P. Bulat, L. Edelstein, S.K. Srivastava and N.L. Fortier (Worcester, Mass and Galveston, Texas, U.S.A.) 470 (1977) 290—302
- Development of intestinal brush border membrane proteins in the rat (BBA 77839)
by B. Seetharam, K.-Y. Yeh, F. Moog and D.H. Alpers (St. Louis, Mo., U.S.A.) 470 (1977) 424—436
- Electron microscopic visualization of the arrangement of the two protein components of (Na⁺ + K⁺)-ATPase (BBA 71315)
by F. Vogel, H.W. Meyer, R. Grosse and K.R.H. Repke (Berlin and Jena, Germany) 470 (1977) 497—501
- Enhancement of (Ca²⁺ + Mg²⁺)-ATPase activity of human erythro-

- cyte membranes by hemolysis in isosmotic imidazole buffer. I. General properties of variously prepared membranes and the mechanism of the isosmotic imidazole effect (BBA 77847)
 by M.L. Farrance and F.F. Vincenzi (Seattle, Wash., U.S.A.) 471 (1977) 49—58
- Enhancement of ($\text{Ca}^{2+} + \text{Mg}^{2+}$)-ATPase activity of human erythrocyte membrane by hemolysis in isosmotic imidazole buffer. II. Dependence on calcium and a cytoplasmic activator (BBA 77848)
 by M.L. Farrance and F.F. Vincenzi (Seattle, Wash., U.S.A.) 471 (1977) 59—66
- Is there a plasma-membrane-located anion-sensitive ATPase? II. Further studies on rabbit kidney (BBA 77841)
 by J.M.M. van Amelsvoort, J.J.H.M. de Pont, A.L.H. Stols and S.L. Bonting (Nijmegen, The Netherlands) 471 (1977) 78—91
- A change in the internal affinity of LK goat red-cell sodium pumps induced by high pH (BBA 77846)
 by J.C. Ellory and P. Maher (Cambridge, U.K.) 471 (1977) 111—117
- The formation of phosphoenzyme of sarcoplasmic reticulum. Requirement for membrane-bound Ca^{2+} (BBA 77864)
 by J. Nakamura, Y. Endo and K. Konishi (Sendai, Japan) 471 (1977) 260—272
- Allosteric cooperatively during intestinal cotransport of sodium and chloride in freshwater prawns (BBA 77868)
 by G.A. Ahearn and A. Tornquist (Honolulu, Hawaii, U.S.A.) . . . 471 (1977) 273—279

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- The early influence of 17- β -oestradiol on 17 aminoacyl-tRNA synthetases of mouse uterus and liver. Phosphorylation as a regulation mechanism (BBA 99049)
 by B.H. Berg (Bergen, Norway) 479 (1977) 152—171
- Interaction of folic acid with ribonuclease A (BBA 99035)
 by F. Sawada, Y. Kanesaka and M. Irie (Chiba and Tokyo, Japan) 479 (1977) 188—197
- Purification and characterization of baboon endogenous virus DNA polymerase (BBA 99042)
 by P.S. Sarin, B. Friedman and R.C. Gallo (Bethesda, Md., U.S.A.) 479 (1977) 198—206
- A cytoplasmic exoribonuclease from HeLa cells (BBA 99047)
 by C.N. Kwan (Los Angeles, Calif., U.S.A.) 479 (1977) 322—331
- Purification of cohesive-end-producing restriction endonuclease from *Bacillus subtilis* G (BBA 91454)
 by T. Hoshino, T. Uozumi, S. Horinouchi, A. Ozaki, T. Beppu and K. Arima (Tokyo, Japan) 479 (1977) 367—369