

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

- A method for estimating the amount of calcium bound to the metallochromic indicator arsenazo III (BBA 28965)
by S.T. Ohnishi (Philadelphia, PA, U.S.A.) 586 (1979) 217–230
- Biosynthesis of streptomycin. Enzymic oxidation of dihydrostreptomycin (6-phosphate) to streptomycin (6-phosphate) with a particulate fraction of *Streptomyces griseus* (BBA 28975)
by S. Maier and H. Grisebach (Freiburg, F.R.G.) 586 (1979) 231–241
- Pyruvate cycling involving possible oxaloacetate decarboxylase activity (BBA 28987)
by R. Rognstad (Los Angeles, CA, U.S.A.) 586 (1979) 242–249
- Segmental distribution of soluble neutral maltase activity in suckling rat intestine. Levels vary independently of membrane-bound maltase and lysosomal enzymes during development (BBA 28997)
by G. Forstner and J. Forstner (Toronto, Canada) 586 (1979) 250–257
- Catabolite inactivation of phosphoenolpyruvate carboxykinase in spheroplasts from *Saccharomyces cerevisiae* (BBA 29005)
by H. Matern (Freiburg and Neuherberg-Munich, F.R.G.) 586 (1979) 258–265
- Effects on induction of tyrosine aminotransferase in fetal mouse liver in vitro of prednisolone, insulin and thyroxine (BBA 29034)
by M. Kumegawa, T. Takuma, S. Hosoda and M. Nakanishi (Saitama, Japan) 587 (1979) 20–27

BBA-PROTEIN STRUCTURE

- Multiple conformations of deoxyribonuclease A. Their separation at alkaline pH and low ionic strength in the presence of Ca^{2+} (BBA 38255)
by B. Lizárraga, C. Bustamante, A. Gil and E. Melgar (Lima, Peru) 579 (1979) 298–302
- Antigenic homology of feline and human β -hexosaminidase (BBA 38265)
by D.C. O'Neil, W.R. Bartholomew and M.C. Rattazzi (Buffalo, NY, U.S.A.) 580 (1979) 1–9
- Four-fold structural repeat in the acid proteases (BBA 38273)
by T.L. Blundell, B.T. Sewell and A.D. McLachlan (London and Cambridge, U.K.) 580 (1979) 24–31
- Physicochemical properties of reduced nicotinamide adenine dinucleotide phosphate-cytochrome P-450 reductase from bovine adrenocortical microsomes (BBA 38262)
by A. Hiwatashi and Y. Ichikawa (Osaka, Japan) 580 (1979) 44–63

- A spin label study of horseradish peroxidase (BBA 38257)
by G. Rakhit and C.F. Chignell (Bethesda, MD, U.S.A.) 580 (1979) 108—119

BBA-BIOENERGETICS

- Nitrogenase from *Rhodospirillum rubrum*. Relation between 'switch-off' effect and the membrane component. Hydrogen production and acetylene reduction with different nitrogenase component ratios (BBA 47716)
by S. Nordlund and U. Eriksson (Stockholm, Sweden) 547 (1979) 429—437
- Light-induced Mg^{2+} ATPase activity of coupling factor in intact chloroplasts (BBA 47726)
by J.D. Mills and G. Hind (Upton, NY, U.S.A.) 547 (1979) 455—462

BBA-LIPIDS AND LIPID METABOLISM

- Occurrence of two 3-hydroxyacyl-CoA dehydrogenase in rat liver (BBA 57410)
by T. Osumi and T. Hashimoto (Nagano, Japan) 574 (1979) 258—267
- Circular dichroism of lipoxygenase-1 from soybeans (BBA 57417)
by L.J.M. Spaapen, G.A. Veldink, T.J. Liefkens, J.F.G. Vliegert-hart and C.M. Kay (Utrecht and Vlaardingen, The Netherlands and Edmonton, Canada) 574 (1979) 301—311
- Isolation and properties of a particulate fraction for the desaturation of palmitic acid from *Alcaligenes faecalis* (BBA 57420)
by S.S. Kshirsagar and P.M. Nair (Bombay, India) 574 (1979) 369—378
- Evidence for two steroid 1,2-dehydrogenase activities in *Mycobacterium fortuitum* (BBA 57432)
by M.G. Wovcha, K.E. Brooks and L.A. Kominek (Kalamazoo, MI, U.S.A.) 574 (1979) 471—479

BBA-BIOMEMBRANES

- Purification and characterization of $(Na^{+} + K^{+})$ -ATPase. VIII. Altered $Na^{+}:K^{+}$ transport ratio in vesicles reconstituted with purified $(Na^{+} + K^{+})$ -ATPase that has been selectively modified with trypsin in presence of NaCl (BBA 78456)
by P.L. Jørgensen and B.M. Anner (Aarhus, Denmark and Geneva, Switzerland) 555 (1979) 485—492

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- Actions of human glycosylases on uracil-containing DNA, methylated DNA and their reconstituted chromatins (BBA 99474)
by K. Ishiwata and A. Oikawa (Sendai, Japan) 563 (1979) 375—384
- Evidence for a single species of DNA ligase localized in nuclei of rat liver (BBA 91483)
by H. Teraoka, S. Tamura and K. Tsukada (Tokyo, Japan) 563 (1979) 535—539
- Optimization of conditions for the in vitro formation of hybrid DNA molecules by DNA ligase (BBA 99519)
by H. Graf (Munich, F.R.G.) 564 (1979) 225—234
- Characterization of an RNA-directed DNA polymerase from a cell line derived from a radiation-induced lymphoma in mice (BBA 99524)
by P.S. Sarin, J. Donlon, B. Friedman and R.C. Gallo (Bethesda, MD, U.S.A.) 564 (1979) 235—245

- Phosphorylation of H1 and H5 histones by cyclic AMP-dependent protein kinase reduces DNA binding (BBA 99505)
by T.M. Fasy, A. Inoue, E.M. Johnson and V.G. Allfrey (New York, NY, U.S.A.) 564 (1979) 322–334
- Regulation of trypsin-like esteroprotease synthesis by 5 α -dihydrotestosterone and triiodothyronine in mouse submandibular gland (BBA 99509)
by T. Takuma and M. Kumegawa (Saitama, Japan) 564 (1979) 335–341