

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

- Induction of a microsomal butyryl esterase in rat liver by phenobarbital treatment (BBA 28754)
by A. Kaneko, Y. Yoshida, K. Enomoto, T. Kaku, K. Hirata and T. Onoé (Sapporo, Japan) 582 (1979) 183—195
- Synthesis and removal of phenylalanine ammonia-lyase activity in illuminated discs of potato tuber parenchyme (BBA 28765)
by C.J. Lamb, T.K. Merritt and V.S. Butt (Oxford, U.K.) 582 (1979) 196—212
- Effect of Triton WR-1339 on peroxisomal enzymes of rat liver (BBA 28784)
by H. Ishii, T. Suga, H. Hayashi and S. Niinobe (Tokyo and Saitama, Japan) 582 (1979) 213—220
- Partial purification and characterization of a factor which stimulates an increase in ornithine decarboxylase activity in the liver from tumor cell-free ascites fluid (BBA 28788)
by A. Kashiwagi, K. Sasaki, T. Noguchi and T. Tanaka (Osaka, Japan) 582 (1979) 221—233
- Comparison of AMP deaminase from skeletal muscle of acidotic and normal rats (BBA 28775)
by C. Solano and C.J. Coffee (Pittsburgh, PA, U.S.A.) 582 (1979) 369—379
- Solubilization of membrane-bound adenylate cyclase of isolated rat adrenal cortex cells (BBA 28791)
by M. Pilaski, K.-D. Voigt and W. Walter (Hamburg, F.R.G.) 582 (1979) 380—389
- Conversion of dihydroorotate to orotate in parasitic protozoa (BBA 28807)
by W.E. Gutteridge, D. Dave and W.H.G. Richards (Canterbury and Beckenham, U.K.) 582 (1979) 390—401
- Calcium-dependent cyclic nucleotide phosphodiesterase. Inhibition of basal activity by heat-stable factors from rat cerebrum (BBA 28779)
by T. Kanamori, C.R. Creveling and J.W. Daly (Bethesda, MD, U.S.A.) 582 (1979) 434—447

BBA-PROTEIN STRUCTURE

- Cross-linking of the ($\text{Ca}^{2+} + \text{Mg}^{2+}$)-ATPase protein (BBA 38083)
by R.J. Baskin and S. Hanna (Davis, CA, U.S.A.) 576 (1979) 61—70
- Methionyl-tRNA synthetase of *Escherichia coli*. A zinc metalloprotein (BBA 38066)

- by L.H. Posorske, M. Cohn, M. Yanagisawa and D.S. Auld (Philadelphia, PA and Boston, MA, U.S.A.) 576 (1979) 128-133
- Mechanisms of spectral shifts in lobster carotenoproteins. The resonance Raman spectra of ovoverdin and the crustacyanins (BBA 38069)
- by V.R. Salares, N.M. Young, H.J. Bernstein and P.R. Carey (Ottawa, Canada) 576 (1979) 176-191
- Nitrogenase XI: Mössbauer studies of the cofactor centers of the MoFe protein from *Azotobacter vinelandii* OP (BBA 38084)
- by B.H. Huynh, E. Münck and W.H. Orme-Johnson (Navarre, MN and Madison, WI, U.S.A.) 576 (1979) 192-203

BBA-BIOENERGETICS

- The influence of pH on the EPR and redox properties of cytochrome *c* oxidase in detergent solution and in phospholipid vesicles (BBA 47608)
- by B. Lanne, B.G. Malmström and T. Vänngård (Göthenborg, Sweden) 545 (1979) 205-214

BBA-LIPIDS AND LIPID METABOLISM

- On the haemoprotein character of prostaglandin endoperoxide synthetase (BBA 57298)
- by F.J. van der Ouderaa, M. Buytenhek, F.J. Slikkerveer and D.A. van Dorp (Vlaardingen, The Netherlands) 572 (1979) 29-42
- Purification and characterisation of prostaglandin endoperoxide D-isomerase, a cytoplasmic, glutathione-requiring enzyme (BBA 57292)
- by E. Christ-Hazelhof and D.H. Nugteren (Vlaardingen, The Netherlands) 572 (1979) 43-51
- Participation of superoxide, hydrogen peroxide and hydroxyl radicals in NADPH-cytochrome *P*-450 reductase-catalyzed peroxidation of methyl linolenate (BBA 57301)
- by K. Kameda, T. Ono and Y. Imai (Sapporo, Japan) 572 (1979) 77-82
- Enzymic synthesis of a new type of fucose-containing glycolipid with fucosyltransferase of rat ascites hepatoma cell, AH 7974F (BBA 57297)
- by T. Taki, Y. Hirabayashi, M. Matsumoto and K. Kojima (Shizuoka-shi and Nara, Japan) 572 (1979) 105-112
- Characterization of a soluble glycolipid galactosyltransferase which occurs in bovine milk (BBA 57287)
- by A.A. Bushway and T.W. Keenan (West Lafayette, IN, U.S.A.) 572 (1979) 146-152
- Further evidence for changes in the level of palmitoyl-CoA desaturase during thermal adaptation in *Tetrahymena pyriformis* (BBA 51234)
- by H. Fukushima, S. Nagao and Y. Nozawa (Gifu, Japan) 572 (1979) 178-182

BBA-BIOMEMBRANES

- Interaction between NADPH-cytochrome *P*-450 reductase and cytochrome *P*-450 in the membrane of phosphatidylcholine vesicles (BBA 78266)
- by H. Taniguchi, Y. Imai, T. Iyanagi and R. Sato (Osaka and Ibaraki, Japan) 550 (1979) 341-356
- Phospholipase *A*₂ from sheep erythrocyte membranes. Ca²⁺ dependence and localization (BBA 78259)
- by E. Frei and P. Zahler (Berne, Switzerland) 550 (1979) 450-463

- Mathematical modelling of ATP, K⁺ and Na⁺ interactions with (Na⁺ + K⁺)-ATPase occurring under equilibrium conditions (BBA 78256)
by R. Grosse, T. Rapoport, J. Malur, J. Fischer and K.R.H. Repke
with an Appendix by I.M. Glynn (Berlin-Buch, Germany and Cambridge, U.K.) 550 (1979) 500–514

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- Detection and characterization of DNA polymerase from *Trypanosoma brucei* (BBA 99385)
by D.K. Dube, R.O. Williams, G. Seal and S.C. Williams (Philadelphia PA, U.S.A. and Nairobi, Kenya) 561 (1979) 10–16
- Identification of γ -like DNA polymerase from sea urchin embryos (BBA 99367)
by A. Habara, H. Nagano and Y. Mano (Tokyo, Japan) 561 (1979) 17–28
- DNA polymerase- α from regenerating rat liver. Catalytic properties of the highly purified enzyme (BBA 99357)
by O. Fichot, M. Pascal, M. Mechali and A.M. de Recondo (Villejuif, France) 561 (1979) 29–41
- Deoxyribonucleotide synthesis and DNA polymerase activity in plant cells (*Vicia faba* and *Glycine max*) (BBA 99362)
by B. Hovemann and H. Follmann (Marburg, F.R.G.) 561 (1979) 42–52
- Specificity and functions of guanine methylase of *Shigella sonnei* DDVI phage (BBA 99345)
by I.I. Nikolskaya, M.I. Tediashvili, N.G. Lopatina, T.G. Chanishvili and S.S. Debov (Moscow, U.S.S.R.) 561 (1979) 232–239