

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-PROTEIN STRUCTURE

- Relation between structure and function in some partially synthetic ribonucleases S'. I. Kinetic determinations (BBA 35995)
by F. Marchiori, G. Borin, L. Moroder, R. Rocchi and E. Scoffone (Padova) 257 (1972) 210
- Use of pulse labeling technique in protein structure determination: Ordering of the cyanogen bromide peptides from porcine pancreatic α -amylase (BBA 36022)
by P. Cozzone and G. Marchis-Mouren (Marseille). 257 (1972) 222
- Alkaline proteinases of the genus *Aspergillus* (BBA 36007)
by J. Turková, O. Mikes, G. Danno, K. Hayashi and L. Polgár (Praha) . 257 (1972) 257
- Influence du vieillissement des α_2 -macroglobulines de lapin sur la formation du complexe α_2 -macroglobuline-enzymes (BBA 36037)
by T. Lebreton de Vonne, H. Mouray, G. Berthillier et R. Got (Tours, Lyon and Dullins) 257 (1972) 365
- Amino acid sequence of guinea-hen egg-white lysozyme (BBA 36013)
by J. Jollès, E. van Leemputten, A. Mouton and P. Jollès (Paris) . . . 257 (1972) 497
- Fast consecutive radical processes within the ribonuclease molecule in aqueous solution. I. Reaction with H atoms (BBA 36023)
by N. N. Lichtin, J. Ogdan and G. Stein (Jerusalem) 263 (1972) 14
- Esteropeptidase and thymotropic activity of a protein isolated from the mouse submaxillary gland (BBA 36058)
by M. A. Naughton, C. Geczy, V. Bender, H. Hoffman and E. Hamilton (Epping N.S.W.) 263 (1972) 106
- The kinetic features of monomers and dimers in high- and low-temperature conformational states of D-amino-acid oxidase (BBA 36045)
by K. Shiga and T. Shiga (Osaka) 263 (1972) 294
- Effect of 2,3 diphosphoglycerate and ATP on ethyl isocyanide binding to human hemoglobin (BBA 36057)
by H. H. Lo and P. R. Schimmel (Cambridge, Mass.) 263 (1972) 304
- Variable sulphhydryl activity toward silver nitrate by reduced glutathione and alcohol, glutamate, and lactate dehydrogenases (BBA 36066)
by K. S. Rogers (Richmond, Va.) 263 (1972) 309
- Histone acetylation. Purification and properties of three histone-specific acetyltransferases from rat thymus nuclei (BBA 36104)
by D. Gallwitz and I. Sures (Marburg) 263 (1972) 315
- Cyanuration of papain. Activity and fluorescence of the products (BBA 36060)
by L. A.Æ. Sluyterman and J. Wijdenes (Eindhoven) 263 (1972) 329
- States of tyrosine residues in L-asparaginase: The existence of tyrosine residues having abnormally low pK in L-asparaginase (BBA 36085)
by H. Makino, O. Takenaka and Y. Inada (Tokyo) 263 (1972) 477
- Etude par fluorescence de la phosphatase alcaline d'*Escherichia coli*. I. Propriétés des états excités (BBA 36118)
par D. Gerard, G. Laustriat et H. Lami (Strasbourg). 263 (1972) 482
- Etude par fluorescence de la phosphatase alcaline d'*Escherichia coli*. II. Transferts intramoléculaires de l'énergie d'excitation (BBA 36119)
par G. Gerard, G. Laustriat et H. Lami (Strasbourg) 263 (1972) 496
- Further studies of plasmigen proactivator (BBA 36127)
by A. Takada, Y. Takada and J. L. Ambrus (Springville and Buffalo, N.Y.) 263 (1972) 610
- A molecular model for the proteolysis of human fibrinogen by plasmin (BBA 36121)
by D. A. Mills (New York, N.Y.) 263 (1972) 619
- A basic trypsin- and chymotrypsin-inhibitor from groundnuts (*Arachis hypogaea*) (BBA 36125)
by A. Tur-Sinai, Y. Birk, A. Gertler and M. Rigbi (Jerusalem) 263 (1972) 666
- Action of yeast proteinase C on synthetic peptides and poly- α , L-amino acids (BBA 36114)
by R. Hayashi and T. Hata (Kyoto) 263 (1972) 673
- Inactivation of pancreatic ribonuclease with hydroxylamine-oxygen-cupric ion (BBA 36095)
by Y-C. Lin (Minneapolis, Minn.) 263 (1972) 680

- The lysozyme from *Nephtys hombergi* (Annelid) (BBA 36089)
 by J. P. Périn and P. Jollès (Paris) 263 (1972) 683
- Thermostable glyceraldehyde-3-phosphate dehydrogenase from *Bacillus stearothermophilus*
 I. Immunochemical studies (BBA 36117)
 by R. L. Sauvan, O. J. Mira and R. E. Amelunxen (Kansas City, Kan.) . . . 263 (1972) 794

BBA-BIOENERGETICS

- Studies on flagellar ATPase from sea urchin spermatozoa: I. Purification and some properties of the enzyme (BBA 46280)
 by K. Ogawa and H. Mohri (Tokyo) 256 (1972) 142
- Differential response of mitochondrial and glyoxysomal citrate synthase to ATP (BBA 46249)
 by B. Axelrod and H. Beever (Santa Cruz, Calif.) 256 (1972) 175
- Nitrogenase. I: Repression and derepression of the Fe-Mo and Fe-proteins of nitrogenase in *Azotobacter vinelandii* (BBA 46268)
 by V. K. Shah, L. C. Davis and W. J. Brill (Madison, Wisc.) 256 (1972) 498
- Nitrogenase. II: Changes in the EPR signal of component I (iron-molybdenum protein) of *Azotobacter vinelandii* nitrogenase during repression and derepression (BBA 46269)
 by L. C. Davis, V. K. Shah, W. J. Brill and W. H. Orme-Johnson (Madison, Wisc.) 256 (1972) 512
- The role of molybdenum in the synthesis of *Neurospora* nitrate reductase (BBA 46244)
 by K. N. Subramanian and G. J. Sorger (Hamilton, Ontario) 256 (1972) 533
- The bacterial nitrate reductases: EPR studies on nitrate reductase A from *Micrococcus denitrificans* (BBA 41200)
 by P. Forget and D. V. DerVartarian (Athens, Ga.) 256 (1972) 600
- Etude des mutants chlorate-résistants d'*Escherichia coli* K12. IV. Isolement, purification et étude de la nitrate-réductase reconstituée *in vitro* par complémentation (BBA 46288)
 by E. Azoulay, P. Couchoud-Beaumont et J. M. Lebeault (Marseille) . . . 256 (1972) 670
- Glycolate oxidoreductase in *Escherichia coli* (BBA 46323)
 by J. M. Lord (Santa Cruz, Calif.) 267 (1972) 227
- One-electron-transfer reactions in biochemical systems. VI. Changes in electron transfer mechanism of lipoamide dehydrogenase by modification of sulphydryl groups (BBA 46325)
 by M. Nakamura and I. Yamazaki (Sapporo) 267 (1972) 249
- Spectral evidence of multiple cytochromes *b* present in succinate: cytochrome *c* (BBA 46319)
 by C. A. Yu, L. Yu and T. E. King (Albany, N.Y.) 267 (1972) 300

BBA-BIOMEMBRANES

- Properties of the glucose-6-phosphate solubilized brain hexokinase: Evidence for a lipo-protein complex (BBA 75843)
 by P. A. Craven and R. E. Basford (Pittsburg, Pa.) 255 (1972) 620
- 2',3'-Cyclic nucleotide 3'-phosphohydrolase in human erythrocyte membranes (BBA 75850)
 by T. Sudo, M. Kikuno and T. Kurihara (Tokyo and Niigata) 255 (1972) 640
- The effect of $\text{Ca}^{2+}/\text{Mg}^{2+}$ concentration ratio on placental (Ca^{2+} - Mg^{2+}) ATPase activity (BBA 75835)
 by Y. Shami and I. C. Radde (Toronto) 255 (1972) 675
- Activation of enzymes in red blood cell membranes by a basic protein isolated from cobra venom (BBA 75871)
 by N. Fajnholc, E. Condrea and A. de Vries (Petah Tiqva) 255 (1972) 850
- Cholinesterase activities in subcellular fractions of rat liver: Association of acetylcholinesterase with the surface membrane, and other properties of the enzyme (BBA 75872)
 by G. E. Wheeler, R. Coleman and J. B. Finean (Birmingham) 255 (1972) 917
- Preparation of fat cell membrane with high sensitivity to lipolytic hormones (BBA 71124)
 by M. H. Laudat, J. Pairault, P. Bayer, M. Martin and Ph. Laudat (Paris) . . . 255 (1972) 1005
- The effect of glycerol, ethanol and dimethylsulphoxide on rat liver lysosomes (BBA 75874)
 by D. Lee (Harrow) 266 (1972) 50
- Divalent cations as allosteric modifiers of the ($\text{Na}^+ + \text{K}^+$)-dependent ATPase (BBA 75880)
 by J. D. Robinson (Syracuse, N.Y.) 266 (1972) 97
- The pH-dependence of the effects of Na^+ , K^+ , and ouabain on the ATPase of NaI-treated brain microsomes with Mg^{2+} , Mn^{2+} , Ca^{2+} and Zn^{2+} as divalent metal activators (BBA 75881)
 by A. Atkinson and A. G. Lowe (Manchester) 266 (1972) 103
- Effects of monosaccharides on the sodium activation curve of the intestinal (Na^+ - K^+)-ATPase (BBA 75870)
 by D. Dettmer, H. J. Glander and F. Müller (Leipzig) 266 (1972) 128