

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-BIOENERGETICS

- A high molecular weight form of NADH-cytochrome b_5 -reductase from ox liver microsomes (BBA 46210)
by E. PANFILI, G. L. SOTTOCASE AND B. DE BERNARD (Trieste). 253 (1971) 323
- Magnetic susceptibility of succinate dehydrogenase: The 4-iron preparation (BBA 46201)
by T. C. HOLLOCHER AND A. EHRENBURG (Waltham, Mass. and Stockholm) 253 (1971) 346
- Iron-sulphur proteins in the succinate oxidase system (BBA 46239)
by S. P. J. ALBRACHT, H. VAN HEERIKHUIZEN AND E. C. SLATER (Amsterdam)
. 256 (1972) 1
- Biochemical and biophysical studies on cytochrome aa_3 . IV. Some properties of oxygenated cytochrome aa_3 (BBA 46241)
by R. H. TIESJEMA, A. O. MUIJERS AND B. F. VAN GELDER (Amsterdam) . 256 (1972) 32
- Circular dichroism spectra of hydrogenase from *Clostridium pasteurianum* W5 (BBA 46231)
by J. S. MULTANI AND L. E. MORTENSON (Lafayette, Ind.) 256 (1972) 66
- 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

BBA-LIPIDS AND LIPID METABOLISM

- Fatty acid biosynthesis. VIII. The fate of malonyl-CoA in fatty acid biosynthesis by purified enzymes from lactating-rabbit mammary gland (BBA 55951)
by H. J. M. HANSEN, E. M. CAREY AND R. DILS (Nottingham) 248 (1971) 391
- Degradation of steroids by intestinal bacteria. III. 3-Oxo-5 β -steroid Δ^1 -dehydrogenase and 3-oxo-5 β -steroid Δ^4 -dehydrogenase (BBA 55959)
by V. C. ARIES, P. GODDARD AND M. J. HILL (London) 248 (1971) 482
- Occurrence and localization of 5 α -steroid reductase, 3 α - and 17 β -hydroxysteroid dehydrogenases in hypothalamus and other brain tissues of the male rat (BBA 55950)
by F. F. G. ROMMERTS AND H. J. VAN DER MOLEN (Rotterdam) 248 (1971) 489
- The specificity of fatty acid desaturases and hydroxylases. The dehydrogenation and hydroxylation of monoenoic acids (BBA 55969)
by D. HOWLING, L. J. MORRIS, M. I. GURR AND A. T. JAMES (Sharnbrook) 260 (1972) 10

BBA-BIOMEMBRANES

- Ca²⁺-activated membrane ATPase: Selective inhibition by ruthenium red (BBA 71104)
by E. L. WATSON, F. F. VINCENZI AND P. W. DAVIS (Seattle, Wash.) . . 249 (1971) 606
- Enzymes of phospholipid metabolism: Localization in the cytoplasmic and outer membrane of the cell envelope of *Escherichia coli* and *Salmonella typhimurium* (BBA 71108)
by R. M. BELL, R. D. MAVIS, M. J. OSBORN AND P. R. VAGELOS (St. Louis, Mo. and Farmington, Conn.) 249 (1971) 628
- Distribution of phospholipid-synthesizing enzymes in the wall and membrane subfractions of the envelope of *Escherichia coli* (BBA 71109)
by D. A. WHITE, F. R. ALBRIGHT, W. J. LENNARZ AND C. A. SCHNAITMAN (Charlottesville, Va.) 249 (1971) 636
- The role of phospholipid in Ca²⁺-stimulated ATPase activity of sarcoplasmic reticulum (BBA 75775)
by G. MEISSNER AND S. FLEISCHER (Nashville, Tenn.) 255 (1972) 19
- Synthesis of ATP coupled to Ca²⁺ release from sarcoplasmic reticulum vesicles (BBA 75776)
by R. PANET AND Z. SELINGER (Jerusalem) 255 (1972) 34
- A comparison of the (Na⁺-K⁺)-ATPase activities found in isolated brush border and plasma membrane of the rat intestinal mucosa (BBA 75797)
by J. P. QUIGLEY AND G. S. GOTTERER (Baltimore, Md.) 255 (1972) 107

- Studies on the arrangement of aminopeptidase and alkaline phosphatase in the microvilli of isolated brush border of rat kidney (BBA 75787)
 by L. THOAS AND R. KINNE (Frankfurt) 255 (1972) 114
- Phosphorylation of bovine brain Na^+ , K^+ -stimulated ATP phosphohydrolase by adenosine [^{32}P]triphosphate studied by a rapid-mixing technique (BBA 75816)
 by S. MARDH AND Ö. ZETTERQVIST (Uppsala) 255 (1972) 231
- Erythrocyte membrane-bound enzymes. ATPase, phosphatase and adenylate kinase in human, bovine and porcine erythrocytes (BBA 75822)
 by M. HELLER AND D. J. HANAHAN (Tucson, Ariz.) 255 (1972) 239
- Human erythrocyte membrane bound enzyme. Acetylcholinesterase (BBA 75823)
 by M. HELLER AND D. J. HANAHAN (Tucson, Ariz.) 255 (1972) 251
- Thiamine triphosphatase in the nervous system (BBA 71114)
 by R. L. BARCHI AND P. E. BRAUN (Philadelphia, Pa.) 255 (1972) 402
- Changes in erythrocyte membranes during preparation, as expressed by ATPase activity (BBA 71117)
 by D. J. HANAHAN AND J. EKHOLM (Tucson, Ariz.) 255 (1972) 413

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- $Q\beta$ replicase as repressor of $Q\beta$ RNA-directed protein synthesis (BBA 91326)
 by D. KOLAKOSKY AND C. WEISSMANN (Zürich) 246 (1971) 596
- Study on aminoacyl transfer RNA formation. I. Absence of PP_i -ATP exchange in aminoacyl-tRNA formation (BBA 97049)
 by K. IGARASHI, K. MATSUZAKI AND Y. TAKEDA (Osaka) 254 (1971) 91
- Enhancement of phenylalanyl-oligonucleotide binding to the peptidyl recognition center of ribosomal peptidyl transferase and inhibition of the chloramphenicol binding to ribosomes (BBA 97055)
 by M. YUKIOKA AND S. MORISAWA (Osaka) 524 (1971) 304
- An exonuclease of *Neurospora crassa* specific for single-stranded nucleic acids (BBA 97108)
 by E. Z. RABIN, H. TENENHOUSE AND M. J. FRAZER (Montreal) 259 (1972) 50
- Residue specificity of an endonuclease isolated from *Aerobacter* sp. (BBA 97074)
 by W. E. MITCH, JR. AND C. C. LEVY (Baltimore, Md.) 259 (1972) 69
- Inhibition of ribonuclease by diethyl pyrocarbonate and other methods (BBA 97120)
 by S. L. WIENER, R. WIENER, M. URIVETZKY AND E. MEILMAN (New Hyde Park, N.Y.) 259 (1972) 378