

## 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

- Coordination of 2-methylthioethanol with ferroprotoporphyrin IX (BBA 26987)  
by T. H. Davies . . . . . 286 (1972) 84
- Acid phosphatase in *Schizosaccharomyces pombe*. I. Regulation and preliminary characterization. (BBA 26965)  
by G. Dibenedetto, (Pisa) . . . . . 286 (1972) 363
- Thymidine kinase in rat tissues during growth and differentiation (BBA 26985)  
by R. Machovich and O. Greengard . . . . . 286 (1972) 375
- Hydrocortisone regulation of thymidine kinase in thymus involution and hematopoietic tissues (BBA 26986)  
by O. Greengard and R. Machovich (Boston, Mass.) . . . . . 286 (1972) 382
- Cyclic AMP-dependent diphosphoinositide kinase (BBA 26989)  
by C. Torda (New York, N.Y.) . . . . . 286 (1972) 389
- Adenylate cyclase and the function of cyclic adenosine 3':5'-monophosphate in the leucocidin-treated leucocyte. (BBA 27003)  
by A. M. Woodin (Cambridge) . . . . . 286 (1972) 406
- Effects of estrogen and progesterone on acute activation of uterine phosphorylase (BBA 26983)  
by G. A. Rinard (Atlanta, Ga.) . . . . . 286 (1972) 416

## BBA-PROTEIN STRUCTURE

- Hepatic cystathionase: Immunochemical and electrophoretic studies of the human and rat forms (BBA 36269)  
by T. A. Pascal, H. H. Tallan and B. M. Gillam (Staten Island, N.Y.) . . . 285 (1972) 48
- Labeled antibodies to procollagen proline hydroxylase from chick embryos for intracellular localization of the enzyme (BBA 36264)  
by R. A. Berg, B. R. Olsen and D. J. Prockop (Philadelphia, Pa.) . . . 285 (1972) 167
- Inhibitory effects of  $\omega$ -amino and  $\omega$ -guanidino acid esters on the first component of human complement (BBA 36206)  
by M. Muramatsu, S. Shiraishi and S. Fujii (Tokushima) . . . . . 285 (1972) 224
- Structure of oligomeric and polymeric forms of ox liver glutamate dehydrogenase examined by electron microscopy (BBA 36266)  
by E. A. Munn (Cambridge) . . . . . 285 (1972) 301
- Oxygen association equilibria of *Glycera* hemoglobins (BBA 36260)  
by H. Mizukami and S. N. Vinogradov (Detroit, Mich.) . . . . . 285 (1972) 314
- Purification and immunochemical characterization of a human-specific urine and tissue esterase (BBA 36257)  
by D. Munjal and N. R. Rose (Buffalo, N.Y.) . . . . . 285 (1972) 352
- On the oxidation of lysozyme by *N*-bromosuccinimide (BBA 36254)  
by V. K. Srivastava and C. C. Bigelow (London) . . . . . 285 (1972) 373
- Studies on the structure and function of lysozyme. II. The similar activity of urea-treated and cyanate-treated lysozyme (BBA 36256)  
by K. Y. Chang and C. W. Carr (Minneapolis, Minn.) . . . . . 285 (1972) 377

## BBA-BIOENERGETICS

- Conformational changes in cytochrome oxidase as studied by sedimentation difference (BBA 41219)  
by F. Gabral and B. Love (Rochester, N.Y.) . . . . . 283 (1972) 181
- Nitrogenase-catalyzed reactions (BBA 46399)  
by J. C. Hwang and R. H. Burris (Madison, Wisc.) . . . . . 283 (1972) 339

- The adenosine triphosphate splitting of actin modified with salyrgan (BBA 46410)  
by Y. Nakaoka (Nagoya) . . . . . 283 (1972) 364

## BBA-LIPIDS &amp; LIPID METABOLISM

- Fatty acid synthetase from cow mammary gland tissue cells (BBA 56148)  
by J. Knudsen (Odense) . . . . . 280 (1972) 408
- The substrate specificity of desaturases: The conversion of *cis*-12-octadecenoic acid into  
linoleic acid in different animal and plant species (BBA 56149)  
by M. I. Gurr, M. P. Robinson, A. T. James, L. J. Morris and D. Howling (Sharnbrook,  
Bedford) . . . . . 280 (1972) 415
- Different carnitine acyltransferases in calf liver (BBA 56146)  
by H. E. Solberg (Oslo) . . . . . 280 (1972) 422
- The activity of the different carnitine acyltransferases in the liver of clofibrate-fed rats  
(BBA 56147)  
by H. E. Solberg, M. Aas and L. N. W. Daae (Oslo) . . . . . 280 (1972) 434
- The monooxygenation of *n*-heptane by rat liver microsomes (BBA 56144)  
by U. Frommer, V. Ulrich, H. Staudinger and S. Orrenius (Giessen and Stockholm)  
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- Regulation of acyl-CoA synthetase. II. Effect of glucose and tricarboxylic acid intermediates  
(BBA 56139)  
by K. Lippel (Beltsville, Md.) . . . . . 280 (1972) 531
- Calcium independent phospholipase A<sub>2</sub> activity in rat lung supernatant (BBA 56155)  
by M. Ohta, H. Hasegawa and K. Ohno (Sapporo) . . . . . 280 (1972) 552
- Further characterisation of lipoprotein lipase and hepatic post-heparin lipase from rat  
plasma (BBA 56151)  
by C. J. Fielding (San Francisco, Calif.) . . . . . 280 (1972) 569
- Partial purification and properties of cat plasma prostaglandin A isomerase (BBA 56162)  
by R. L. Jones, S. Cammock and E. W. Horton . . . . . 280 (1972) 588
- 5 $\alpha$ -Dihydrotestosterone sulphate and cortisone reductase (BBA 56157)  
by W. Gibb and J. Jeffery (Aberdeen) . . . . . 280 (1972) 646

## BBA-BIOMEMBRANES

- Hydrolysis of alanine oligopeptides by an enzyme located in the membrane of *Mycoplasma*  
*laidlawii* (BBA 76111)  
by M. Pecht, E. Giberman, A. Keysary, J. Yariv and E. Katchalski (Rehovot and  
Ness-Ziona) . . . . . 290 (1972) 267
- Binding of ATP to and release from microsomal (Na<sup>+</sup> + K<sup>+</sup>)-ATPase (BBA 76096)  
by W. A. Brodsky and A. E. Shamoo (New York, N.Y.) . . . . . 291 (1972) 208
- Studies on the interaction of chick brain microsomal (Na<sup>+</sup> + K<sup>+</sup>)-ATPase with copper (BBA  
76139)  
by H. P. Ting-Beall, D. A. Clark, C. H. Suelter and W. W. Wells (East Lansing, Mich.)  
. . . . . 291 (1972) 229
- Different effects of free and conjugated bile acid and their keto derivatives on (Na<sup>+</sup>, K<sup>+</sup>)-  
stimulated and Mg<sup>2+</sup>-ATPase of rat intestinal mucosa (BBA 76106)  
by G. W. Hepner, A. F. Hofmann (Rochester, Minn.) . . . . . 291 (1972) 237

## BBA-NUCLEIC ACIDS &amp; PROTEIN SYNTHESIS

- The inhibition *in vitro* of bacterial DNA polymerases and RNA polymerase by antimalarial  
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by L. P. Whichard, M. E. Washington and D. J. Holbrook, Jr (Chapel Hill, N.C.)  
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- Ribonuclease properties and activity in the presence of dimethylsulfoxide (BBA 97412)  
by A. Steinschneider and K. Druck (Jerusalem) . . . . . 287 (1972) 77
- Synchronous cultures of *Chlamydomonas reinhardtii*. Synthesis of repressed and derepressed  
phosphatase during the life cycle (BBA 97423)  
by T. Lien and G. Knutsen (Bergen) . . . . . 287 (1972) 154
- Inhibition of bacterial DNA synthesis by edeine. Effect on *Escherichia coli* mutants lacking  
DNA polymerase I (BBA 97463)  
by Z. Kurylo-Borowska and W. Szer (New York, N.Y.) . . . . . 287 (1972) 236

- Purification and properties of a polynucleotide ligase from calf thymus glands (BBA 97451)  
by U. Bertazzoni, M. Mathelet and F. Campagnari (Ispra) . . . . . 287 (1972) 404
- Polyadénylate synthétase des cellules d'ascite de souris. I. Purification et caractérisation de  
l'enzyme. (BBA 97447)  
par M.-L. Giron et J. Huppert (Villejuif) . . . . . 287 (1972) 438
- Adenylic acid-specific limited digestion of tRNA with ribonuclease U<sub>2</sub> and the C-C-A terminal  
repair of resulting fragments (BBA 97479)  
by Y. Taya, T. Uchida and S. Takemura . . . . . 287 (1972) 465
- Polyadénylate synthétase des cellules d'ascite de souris. II. Etude de la réaction enzymatique.  
(BBA 97448)  
par M.-L. Giron et J. Huppert (Villejuif) . . . . . 287 (1972) 448

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