

## 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 of this specialized section

**BBA-GENERAL SUBJECTS**

- Cyclic nucleotide binding and protein kinase in the central nervous system of *Galleria mellonella* (L) (BBA 27426)  
by J Tsuzuki and R W Newburgh (Cornvallis, Oreg , U S A ) 354 (1974) 101
- The influence of I-antitrypsin on plasmin, urokinase and Hageman factor cofactor (BBA 27428)  
by G P M Crawford and D Ogston (Aberdeen, U K ) 354 (1974) 107
- Age-dependent induction and repression of rat liver microsomal hydroxylase systems by estradiol (BBA 27427)  
by J Å Gustafsson and M Ingelman-Sundberg (Stockholm, Sweden) 354 (1974) 172
- Acetyl-CoA 1,4-diaminobutane-*N*-acetyltransferase Occurrence in vertebrate organs and subcellular localization (BBA 27438)  
by N Seiler and M Jawad Al-Therib (Frankfurt, G F R ) 354 (1974) 206
- Correlations between the enzymatic activities and the factors active on blood coagulation and platelet aggregation from the venom of *Vipera aspis* (BBA 27434)  
by M -C Boffa and G A Boffa (Paris, France) 354 (1974) 275
- The effect of mannose on the synthesis of the glycoprotein acid phosphatase in a mannose-deficient mutant of *Schizosaccharomyces pombe* (BBA 27450)  
by R Schmidt and S Jannsen (Berlin) 362 (1974) 13
- Protein kinase activity of bovine thyroid microsomes (BBA 27461)  
by V Kozyreff and M de Visscher (Louvain, Belgium) 362 (1974) 17
- The threonine dyhydratase structural gene in *Aspergillus nidulans* (BBA 27451)  
by D W MacDonald, H N Arst, Jr and D J Cove (Cambridge, U K ) 362 (1974) 60
- Sex difference in glucose-6-phosphate dehydrogenase activity in the submandibular gland of mice (BBA 27463)  
by T Nakamura, M Fujii, M Kaiho and M Kumegawa (Saitama, Japan) 362 (1974) 110
- The characterization of *N*-acetylglucosaminidases from the limpet *Patella vulgate* (L) (BBA 27464)  
by P J R Phizackerley and J V Bannister (Oxford, U K and Msida, Malta) 362 (1974) 129
- Properties and regional distribution of cerebral CMP-*N*-acetylneuraminic acid glycoprotein sialyltransferase (BBA 27465)  
by D H van Den Eijnden and W van Dijk (Amsterdam, The Netherlands) 362 (1974) 136
- Urinary excretion of 5-methyltetrahydrofolate and liver *S*-adenosylmethionine levels of rats fed a vitamin B<sub>12</sub> deficient diet (BBA 27475)  
by A J Vidal and E L R Stokstad (Berkeley, Calif , U S A ) 362 (1974) 245
- Three pathways of isoleucine biosynthesis in mutant strains of *Saccharomyces cerevisiae* (BBA 27477)  
by D Vollbrecht (Mainz, G F R ) 362 (1974) 382

**BBA-PROTEIN STRUCTURE**

- Histone and casein kinases of lactating bovine mammary gland (BBA 36751)  
by L F Chew and A G Mackinla (Kensington, N S W , Australia) 359 (1974) 66
- Mechanism of interaction of bovine trypsin with human  $\alpha_1$ -antitrypsin (BBA 36744)  
by M Moroi and M Yamasaki (Tokyo) 359 (1974) 140
- The quaternary structure of lactate dehydrogenase II The mechanisms, kinetics and thermodynamics of dissociation, denaturation, and hybridization in ethylene glycol (BBA 36735)  
by D B Millar (Bethesda, Md , U S A ) 359 (1974) 152
- Snake venom toxins The reactivity of the disulphide bonds of *Naja mvea* toxin  $\alpha$  (BBA 36784)  
by D P Botes (Pretoria, S Africa) 359 (1974) 242
- Highly restricted specificity of the serine proteinase Aspergillopeptidase B (BBA 36777)  
by S Spadari, A R Subramanian and G Kalnitsky (Iowa City, Iowa, U S A ) 359 (1974) 267

- Specificity of pyridoxine (pyridoxamine) 5'-phosphate oxidase for flavin-phosphates (BBA 36760)  
by M N Kazarinoff and D B McCormick (Ithaca, N Y ) 359 (1974) 282

#### BBA-BIOENERGETICS

- Inactivation of nitrate reductase by NADH in *Nitrobacter agilis* (BBA 46807)  
by J Herrera and D J D Nicholas (Glen Osmond, Australia) 368 (1974) 54

#### BBA-LIPIDS & LIPID METABOLISM

- A comparative study of post-heparin lipolytic activity and a purified human plasma triacylglycerol lipase (BBA 56460)  
by C Ehnholm, H Greten and W V Brown (La Jolla, Calif , U S A ) 360 (1974) 68
- Bitis gabonica* venom A kinetic analysis of the hydrolysis by phospholipase A<sub>2</sub> of 1,2-di palmitoyl-*sn*-glycero-3-phosphorylcholine (BBA 56472)  
by C C Viljoen, J C Schabort and D P Botes (Pretoria, S Africa) 360 (1974) 156
- Lipolytic activity of adipose tissue IV The diacylglycerol lipase activity of human adipose tissue (BBA 56494)  
by H Guidicelli, N Combes-Pastré and J Boyer (Marseille, France) 369 (1974) 25
- On the specificity of the inhibition of adenine nucleotide translocase by long chain acyl-Coenzyme A esters (BBA 56495)  
by C H Ho and S V Pande (Montreal, Canada) 369 (1974) 86

#### BBA-BIOMEMBRANES

- Thrombin substrates and the proteolytic site of thrombin action on human platelet plasma membranes (BBA 76663)  
by D R Phillips and P P Agin (Memphis, Tenn ) 352 (1974) 218
- Study on the differential modifications of (Na<sup>+</sup> + K<sup>+</sup>)-ATPase and its partial reactions by dimethylsulfoxide (BBA 76654)  
by K Kanike, E Erdmann and W Schoner (Giessen, G F R ) 352 (1974) 275
- Regulation of erythrocyte glycolysis Membrane-mediated activation induced in low-electrolyte medium (BBA 76660)  
by K K Tsuboi (Stanford, Calif ) 352 (1974) 307
- Purification and characterization of (Na<sup>+</sup> + K<sup>+</sup>)-ATPase III Purification from the outer medulla of mammalian kidney after selective removal of membrane components by sodium dodecylsulfate (BBA 76681)  
by P L Jørgensen (Aarhus, Denmark) 356 (1974) 36
- Purification and characterization of (Na<sup>+</sup> + K<sup>+</sup>)-ATPase IV Estimation of the purity and of the molecular weight and polypeptide content per enzyme unit in preparations from the outer medulla of rabbit kidney (BBA 76682)  
by P L Jørgensen (Aarhus, Denmark) 356 (1974) 53
- The effect of partial degradation of mitochondrial phospholipids by phospholipase A on the temperature dependence of succinate-cytochrome *c* reductase and cytochrome *c* oxidase (BBA 76673)  
by J C Wilshut and G L Scherphof (Groningen, The Netherlands) 356 (1974) 91
- Uptake and accumulation of purine bases by stationary yeast cells pretreated with glucose (BBA 76674)  
by U Reichert and M Winter (Berlin) 356 (1974) 100
- Affinity chromatography of  $\beta$ -hydroxybutyrate dehydrogenase on NAD and hydrophobic chain derivatives of Sepharose (BBA 76698)  
by A K Grover and G G Hammes (Ithaca, N Y , U S A ) 356 (1974) 309

#### BBA-NUCLEIC ACIDS & PROTEIN SYNTHESIS

- The incorporation of wrong bases by DNA polymerase I following  $\gamma$ -irradiation of DNA-like templates (BBA 97972)  
by R Saffhill (Manchester, U K ) 349 (1974) 23
- Problems in the extraction of DNA when utilizing pancreatic RNAase and Pronase (BBA 97989)  
by J J McCormick, L J Larson and V M Maher (Detroit, Mich ) 349 (1974) 145

- Characterization and properties of a DNA polymerase partially purified from the nuclei of calf thymus cells (BBA 98008)  
by S A M Bekkering-Kuylars and F Campagnari (Ispra, Italy) 349 (1974) 277
- Transcription of mammalian satellite DNAs by homologous DNA-dependent RNA polymerases (BBA 98010)  
by J J Maio and D M Kurnit (Bronx, N Y , U S A ) 349 (1974) 305
- Initiation of the transcription of  $\phi$ 29 DNA by *B. subtilis* RNA polymerase (BBA 98006)  
by F Jimenez, J Avila, E Viñuela and M Salas (Madrid, Spain) 349 (1974) 320