

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

- Raped two-channel microfluorimetry: A method for comparative study of metabolism, phase differences or transport in the cytoplasm and nucleus (BBA 21345)
by E. Kohen, C. Kohen and B. Thorell (Miami, Fla.) 286 (1972) 189
- Daily rhythmic changes in brush border enzymes of small intestine and kidney in rat (BBA 21348)
by M. Saito (Osaka) 286 (1972) 212
- The effect of adenine nucleotides and dehydroepiandrosterone on the isoenzymes of NADP⁺- and NAD⁺-glucose-6-phosphate dehydrogenase and 6-phosphogluconate dehydrogenase from rat adipose tissue (BBA 21349)
by R. Beitner and Z. Naor (Ramat Gan) 286 (1972) 437
- On the solubilization of NADPH-cytochrome *c* reductase from rat liver microsomes with crude pancreatic lipase (BBA 21351)
by J. A. Buege and S. D. Aust (East Lansing, Mich.) 286 (1972) 445
- Properties and sub-cellular distribution of enzymes required for acetoacetate biosynthesis in chicken liver (BBA 26980)
by J. B. Allred (Columbus, Ohio) 297 (1973) 22
- Influence de divers traitements *in vivo* sur la vitesse de sécrétion de l'amylase, de la lipase et du chymotrypsinogène par des coupes de pancréas de pigeon (BBA 27010)
par H. Reggio (Marseille) 297 (1973) 81
- Studies on peroxisomes. III. Further studies on the intraparticulate localization of peroxisomal components in the liver of the rat (BBA 26978)
by H. Hayashi, T. Suga and S. Niinobe (Tokyo) 297 (1973) 110
- Production of cholinesterase by *Pseudomonas aeruginosa*, its regulation by glucose and cyclic AMP and inhibition by antiserum (BBA 27025)
by N. Gilboa-Garber, V. Zakut and L. Mizrahi (Ramat-Gan) 297 (1973) 120

BBA-PROTEIN STRUCTURE

- X-ray crystallographic analysis of swine pancreas α -amylase (BBA 31148)
by A. McPherson, Jr and A. Rich (Cambridge, Mass.) 285 (1972) 493
- Studies on the reconstitution of bovine erythrocyte superoxide dismutase. I. The presence of four divalent metal binding sites on the apo protein which are different from the native sites (BBA 36324)
by J. A. Fee (Troy, N.Y.) 295 (1973) 87
- Studies on the reconstitution of bovine erythrocyte superoxide dismutase. II. Some observations on the nature of catalyzed superoxide anion dismutation as an enzymatic activity (BBA 36325)
by J. A. Fee, R. Natter and G. S. T. Baker (Troy, N.Y.) 295 (1973) 96
- Studies on the reconstitution of bovine erythrocyte superoxide dismutase. III. Evidence for a strong interdependence between Cu²⁺ and Zn²⁺ binding in the expression of the spectroscopic properties of the native protein and for a close proximity of the Zn²⁺ and Cu²⁺ sites (BBA 36326)
by J. A. Fee (Troy, N.Y.) 295 (1973) 107
- The location of tryptophanyl groups in human and bovine carbonic anhydrases. Ultraviolet difference spectra and chemical modification (BBA 36336)
by S. Lindskog and A. Nilsson (Göteborg) 295 (1973) 117

BBA-BIOENERGETICS

- Affinity chromatography of mitochondrial ATPase solubilized with Triton X-100 (BBA 41222)
by P. Swanlung and L. Frigeri (Stockholm) 283 (1972) 391
- In vitro* studies on yeast cytochrome *c* peroxidase and its possible function in the electron transfer and energy coupling reactions (BBA 46464)
by M. Erecińska, N. Oshino, P. Loh and E. Brockelehurst (Philadelphia, Pa.) 292 (1973) 1

Complex formation by ferredoxin-NADP ⁺ reductase with ferredoxin or NADP ⁺ (BBA 46453) by M. Shin (Kobe)	292 (1973)	13
Nature of the activation of succinate dehydrogenase by various effectors and in hypobaria and hypoxia (BBA 46461) by L. Susheela and T. Ramasarma (Bangalore).	292 (1973)	50
The external NADH dehydrogenases of intact plant mitochondria (BBA 46456) by R. Douce, C. A. Mannella and W. D. Bonner, Jr (Philadelphia, Pa.)	292 (1973)	105
Nitrogenase III. Nitrogenaseless mutants of <i>Azotobacter vinelandii</i> : Activities, cross reactions and EPR spectra (BBA 46462) by V. K. Shah, L. C. Davis, J. K. Gordon, W. H. Orme-Johnson and W. J. Brill (Madison, Wisc.)	292 (1973)	246
Inhibition of nitrogenase-catalyzed reductions (BBA 46467) by J. C. Hwang, C. H. Chen and R. H. Burris (Madison, Wisc.)	292 (1973)	256
BBA-LIPIDS & LIPID METABOLISM		
The bond hydrolyzed by cardiolipin-specific phospholipase D (BBA 56170) by L. Astrachan (Cleveland, Ohio)	296 (1973)	79
Reversible binding of lipoprotein lipase from hen adipose tissue to insolubilized heparin (BBA 56184) by T. Egelrud (Umeå).	296 (1973)	124
BBA-BIOMEMBRANES		
Differences between conformations of lecithin and phosphatidylethanolamine polar groups and their effects on interactions of phospholipid bilayer membranes (BBA 71156) by M. C. Phillips, E. G. Finer and H. Hauser (Welwyn)	290 (1973)	397
Molecular weight, amino acid composition and other properties of membrane-bound ATPase from <i>Bacillus megaterium</i> KM (BBA 76150) by R. Mirsky and V. Barlow (Hanover, N.H.)	291 (1973)	480
Allosteric transitions and membrane-bound ATPase from rat tissues: The effect of fat deprivation on the allosteric inhibition by fluoride (BBA 76149) by A. L. Goldemberg, R. N. Farias and R. E. Trucco (Cordoba)	291 (1973)	489
BBA-NUCLEIC ACIDS & PROTEIN SYNTHESIS		
The DNA-directed RNA polymerases of soybean (BBA 97526) by P. A. Horgen and J. L. Key (Mississauga)	294 (1973)	227
Studies on aspartyl-tRNA synthetase from baker's yeast. I. Purification and properties of the enzyme (BBA 97534) by J. Gangloff and G. Dirheimer (Strasbourg)	294 (1973)	263
Hydroxylamine-dependent reactions catalysed by a lysyl-tRNA synthetase of <i>Escherichia coli</i> B (BBA 97519) by P. Hele (Shrewsbury, Mass.)	294 (1973)	273
Changes in ribonucleases during differentiation (spherulation) of <i>Physarum polycephalum</i> (BBA 97518) by I. Chet, N. Retig and Y. Henis (Rehovot)	294 (1973)	343
The use of deoxyribonuclease in the isolation of nucleoli and purification of nuclear RNA— A caution (BBA 97537) by M. J. Lee, M. Renman and R. A. Malt (Boston, Mass.)	294 (1973)	461