

TITLES OF RELATED PAPERS IN OTHER SECTIONS

The following papers that have recently in other sections of BIOCHIMICA ET BIOPHYSICA ACTA may be of interest to the readers of this specialized section:

BBA-GENERAL SUBJECTS

- Possible mechanism of induction of liver microsomal monooxygenases by phenobarbital (BBA 27766)
by I.B. Tsyrllov, N.E. Zakharova, O.A. Gromova and V.V. Lyakhovich (Novosibirsk, U.S.S.R.) 421 (1976) 44— 56
- Differential inhibition of branching enzyme in a morphological mutant and in wild type *Neurospora*: influence of carbon source in the growth medium (BBA 27793)
by T. Abramsky and E.L. Tatum (New York, N.Y., U.S.A.) 421 (1976) 106—114
- Change in ATP-pyrophosphohydrolase activity during spherule formation of *Physarum polycephalum* (BBA 27803)
by M. Kawamura, N. Tonotsuka and K. Nagano (Tochigi, Japan) . 421 (1976) 195—202
- Dietary and hormonal regulation of some enzyme activities associated with gluconeogenesis in rabbit liver (BBA 27811)
by C. Huibregtse, R. Brunsvold and P.D. Ray (Grand Forks, N.D., U.S.A.) 421 (1976) 228—236
- Properties of cholera toxin- and NaF-stimulated adenylate cyclase mouse thymocytes (BBA 27816)
by V.J. Pertrella and T.V. Zenser (Frederick, Md., U.S.A.) 421 (1976) 237—245
- The effect of cycloheximide on galactosyltransferase of rat liver Golgi membranes (BBA 27815)
by M. Mitranic, J.M. Sturgess and M.A. Moscarello (Toronto, Canada) 421 (1976) 272—279
- Interpretation of the rate of density labelling of enzymes with $^2\text{H}_2\text{O}$. Possible implications for the mode of action of phytochrome (BBA 27817)
by C. Lamb and P. Rubery (Cambridge, U.K.) 421 (1976) 308—318
- An EPR study of myeloperoxidase in human granulocytes (BBA 27824)
by R. Wever, D. Roos, R.S. Weening, T. Vulsma and B.F. Gelder (Amsterdam, The Netherlands) 421 (1976) 328—333
- Binding of bovine brain tissue factor to concanavalin A-sepharose. Partial purification of coagulant, arylamidase, and alkaline phosphatase activities (BBA 27831)
by F.A. Pitlick (New Haven, Conn., U.S.A.) 428 (1976) 27— 34
- Membrane-associated reactions in ubiquinone biosynthesis: 2-octaprenyl-3-methyl-5-hydroxy-6-methoxy-1,4-benzoquinone methyltransferase (BBA 27853)
by R.A. Leppik, P. Stroobant, B. Shineberg, I.G. Young and F. Gibson (Canberra City, Australia) 428 (1976) 146—156
- The derivatization of oxidized polysaccharides for protein immobilization and affinity chromatography (BBA 27833)
by E. Junowicz and S. Charm (Boston, Mass., U.S.A.) 428 (1976) 157—165

BBA-PROTEIN STRUCTURE

- Cross partition and determination of net charge of the isoenzymes of enolase (BBA 37213)
by G. Blomquist (Umeå, Sweden) 420 (1976) 81— 86

- A specific cephalosporin-binding protein of *Citrobacter freundii* (BBA 37232)
by H. Ogawara (Tokyo, Japan) 420 (1976) 155—164
- Plasmin and the conversion of the molecular forms of bovine milk galactosyltransferase (BBA 37216)
by S.C. Magee, C.R. Geren and K.E. Ebner (Kansas City, Kan., and Stillwater, Okla., U.S.A.) 420 (1976) 187—197
- Fibrinogenolytic enzymes of *Trimeresurus mucrosquamatus* venom (BBA 37263)
by C. Ouyang and C.-M. Teng (Taipei, Taiwan) 420 (1976) 298—308
- Isolation of aminopeptidase from *Aspergillus flavus* (BBA 37250)
by J. Turková, O. Valentová and J. Coupek (Prague, Czechoslovakia) 420 (1976) 309—315
- Rabbit alveolar macrophage collagenase: evidence of polymeric forms (BBA 31195)
by H. Birkedal-Hansen, R.E. Taylor and H.M. Fullmer (Birmingham, Ala., U.S.A.) 420 (1976) 428—432
- Anomalous fluorescence of yeast 3-phosphoglycerate kinase (BBA 37277)
by H. Nojima, A. Ikai and H. Noda (Tokyo, Japan) 427 (1976) 20—27
- Subunit structure of bovine milk xanthine oxidase. Effect of limited cleavage by proteolytic enzymes on activity and structure (BBA 37271)
by L.G. Nagler and L.S. Vartanyan (Moscow, U.S.S.R.) 427 (1976) 78—90
- Chemical and physical properties of Peptidoglutaminase I and II from *Bacillus circulans* (BBA 37281)
by M. Kikuchi and K. Sakaguchi (Chiba-ken, Japan) 427 (1976) 285—294

BBA-BIOENERGETICS

- Immunological and fluorescence studies with the coupling factor ATPase from *Rhodospirillum rubrum* (BBA 46971)
by R.J. Berzborn, B.C. Johansson and M. Baltscheffsky (Bochum, G.F.R. and Stockholm, Sweden) 396 (1975) 360—370
- Oxido-reductive titrations of cytochrome *c* oxidase followed by EPR spectroscopy (BBA 46991)
by C.R. Hartzell and H. Beinert (Madison, Wisc., U.S.A.) 423 (1976) 323—338
- Kinetic studies on cytochrome *c* oxidase by combined EPR and reflectance spectroscopy after rapid freezing (BBA 46992)
by H. Beinert, R.E. Hansen and C.R. Hartzell (Madison, Wisc., U.S.A.) 423 (1976) 339—345

BBA-LIPID AND LIPID METABOLISM

- Phospholipase A₁ and A₂ in bovine thyroid (BBA 56717)
by M. de Wolf, A. Lagrou, H.J. Hilderson and W. Dierick (Antwerp, Belgium) 424 (1976) 183—194
- Lysophospholipase activity in cell-wall fragments contaminating mitochondrial fractions of *Neurospora crassa* (BBA 56722)
by G.W. de Goede, J. Samallo, M. Holtrop and G.L. Sherphof (Groningen, The Netherlands) 424 (1976) 195—203
- Purification and properties of cholesterol ester hydrolase from human aortic intima and media (BBA 56718)
by T. Sakurada, H. Orimo, H. Okabe, A. Noma and M. Murakami (Tokyo, Japan) 424 (1976) 204—212
- Effects of local anaesthetics on the lipase of *Rhizopus arrhizus* (BBA 56721)
by J.R. Traynor and H. Kunze (Gottingen, G.F.R.) 424 (1976) 246—252

- regulation of lipoprotein lipase. Induction by insulin (BBA 56716)
by A.S. Garfinkel, P. Nisson-Ehle and M.C. Schotz (Los Angeles,
Calif., U.S.A.) 424 (1976) 264—273
- The isomerization of 2,5- and 9,12-octadecadienoic acids by an ex-
tract of *Butyrivibrio fibrisolvens* (BBA 56729)
by P.T. Garcia, W.W. Christie, H.M. Jenkin, L. Anderson and R.T.
Holman (Castelar, Argentina, Ayr, and Austin, Minn., U.S.A.) . . . 424 (1976) 296—302
- On the individuality of aliphatic and alicyclic monoester lipases in
human adipose tissue (BBA 56731)
by M. Charbonnier and J. Boyer (Marseille, France) 424 (1976) 329—336
- Purification and partial characterization of nonspecific lipase from
rat pancreas (BBA 56737)
by P.W. Albro, B.J. Corbett and A.D. Latimer (Research Triangle
Park, N.C., U.S.A.) 424 (1976) 351—365
- Triacylglycerol lipase activity in baker's yeast (*Saccharomyces cere-
visiae*) (BBA 56738)
by I. Schousboe (Copenhagen, Denmark) 424 (1976) 366—375
- On the metabolism of prostaglandins by human gastric fundus muco-
sa (BBA 56745)
by B.M. Peskar and B.A. Peskar (Freiburg, G.F.R.) 424 (1976) 430—438
- Effect of substrate concentrations of inhibition of prostaglandin syn-
thetase of bull seminal vesicles by anti-inflammatory drugs and
fenamic acid analogs (BBA 56735)
by D.W. Cushman and H.S. Cheung (Princeton, N.J., U.S.A.) . . . 424 (1976) 449—468
- Lipolytic activity of whole isolated liver cells in aqueous suspension
(BBA 56739)
by J. Arnaud and J. Boyer (Marseille, France) 424 (1976) 460—468

BBA-BIOMEMBRANES

- The rate of calcium uptake into sarcoplasmic reticulum of cardiac
muscle and skeletal muscle. Effects of cyclic AMP-dependent pro-
tein kinase and phosphorylase *b* kinase (BBA 77185)
by A. Schwarz, M.L. Entman, K. Kaniike, L.K. Lane, W.B. Van
Winkle and E.P. Bornet (Houston, Texas, U.S.A.) 426 (1976) 57— 72
- A non-equilibrium thermodynamics analysis of active transport with-
in the framework of the chemisomatic theory (BBA 77211)
by A.E. Lagarde (Lyon, France) 426 (1976) 198—217
- Interaction of a new fluorescent reagent with sulfhydryl groups of
the ($\text{Na}^+ + \text{K}^+$)-stimulated-ATPase (BBA 77197)
by W.E. Harris and W.L. Stahl (Seattle, Wash., U.S.A.) 426 (1976) 325—334
- Effect of sodium dehydrocholate on 5'-nucleosidase (BBA 77220)
by S. Nakamura (Kyoto, Japan) 426 (1976) 339—347

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- III. The RNA component of aminoacyl-tRNA synthetase complexes
isolated from mouse liver. Absence of amino acid accepting activi-
ty (BBA 98448)
by B.H. Berg (Bergen, Norway) 414 (1975) 93— 98
- Modified nucleotide polymers as inhibitors of DNA polymerases
(BBA 98463)
by B.I.S. Strivastava (Buffalo, N.Y., U.S.A.) 414 (1975) 126—132
- A kinetic and structural characterization of adenosine-5'-triphosphate.
Ribonucleic acid adenyltransferase from *Pseudomonas putida*
(BBA 98451)
by R.W. Blakesley and J.A. Boezi (East Lansing, Mich., U.S.A.) . . 414 (1975) 133—145

- Isolation and characterization of two alkaline ribonucleases from calf serum (BBA 98485)
by R.G. von Tigerstrom and J.M. Manchak (Edmonton, Canada) . 418 (1976) 184—194
- Early androgen in kidney of normal and androgen-insensitive (tfm/y) mice. Changes in RNA polymerase and chromatin template activities (BBA 98497)
by O. Jänne, L.P. Bullock, C.W. Bardin and S.T. Jacob (Hershey, Pa., U.S.A.) 418 (1976) 330—343
- Purification and characterization of RNA polymerase I from a higher plant (BBA 98499)
by T.J. Guilfoyle, C.-Y. Lin, Y.-M. Chen and J.L. Key (Athens, Ga., U.S.A.) 418 (1976) 344—357
- Polyadenylate polymerase from cytoplasm and nuclei of NIH-Swiss mouse embryos (BBA 98510)
by A. Hadidi and V.S. Sethi (Kensington, Md., U.S.A.) 425 (1976) 95—109
- G₁ specific increase in cyclic AMP levels and protein kinase activity in Chinese hamster ovary cells (BBA 98532)
by M. Costa, E.W. Garner and D.H. Russell (Tucson, Ariz., U.S.A.) . 425 (1976) 246—255
- Ionophorous polymers. Interaction with polynucleotides and effects on RNA-directed DNA polymerase activity (BBA 98542)
by J. Pitha and J. Smid (Baltimore, Md. and Syracuse, N.Y., U.S.A.) 425 (1976) 287—295
- Enzymatic properties of cloacin DF 13 and kinetics of ribosome inactivation (BBA 98435)
by B. Oudega and F.K. de Graaf (Amsterdam, The Netherlands) . 425 (1976) 296—304
- Studies on the DNA polymerase activity contained in particles released from human embryo cell monolayers (BBA 98537)
by M. Margalith, G.F. Gerard and M. Green (St. Louis, Mo., U.S.A.) 425 (1976) 305—315
- Levels of RNA polymerases during the mitotic cycle of *Physarum polycephalum* (BBA 98539)
by A. Hildenbrandt and H.W. Sauer (Constance, G.F.R.) 425 (1976) 316—321
- Nuclear ribonucleoproteins as inhibitors of mammalian RNA polymerase (BBA 98546)
by L.E. Stewart and R.C. Kreuger (Cincinnati, Ohio, U.S.A.) . . . 425 (1976) 322—333
- Transfer RNA methyltransferase activity in *Paramecium aurelia* (BBA 98544)
by R.A. Maki, J.L. Brown and D.J. Cummings (Denver, Colo., U.S.A.) 425 (1976) 334—341