

TITLES OF RELATED PAPERS IN OTHER SECTIONS

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

BBA-GENERAL SUBJECTS

- Adenylate cyclase and cyclic nucleotide phosphodiesterases in the developing rat liver (BBA 28353)
by R.E. Sicard and J.R. Aprille (Boston, Mass., U.S.A.) 500 (1977) 235—245
- Enzyme alteration in skeletal muscle of mice with muscular dystrophy (BBA 28358)
by A. Kitahara, F. Imai, S. Takaya and K. Sato (Hirosaki, Japan) 500 (1977) 256—266
- Regulation of nitrogen fixation in *Rhizobium* spp. Isolation of mutants of *Rhizobium trifolii* which induce nitrogenase activity (BBA 28369)
by F. O'Gara and K.T. Shanmugam (Davis, Calif., U.S.A.) 500 (1977) 277—290
- Regulation of thyroid ornithine decarboxylase by the polyamines. Induction of a protein inhibitor of ornithine decarboxylase by the end-products of the reaction (BBA 28373)
by Y. Friedman, S. Park, S. Levasseur and G. Burke (Chicago, Ill., U.S.A.) 500 (1977) 291—303
- Modified cyclic nucleotide systems in Morris hepatoma 3924A favoring expression of cyclic GMP effect (BBA 28345)
by M. Shoji, H.P. Morris, C.W. Davis, N.L. Brackett and J.F. Kuo (Atlanta, Ga. and Washington, D.C., U.S.A.) 500 (1977) 419—424
- Formation of the yeast mitochondrial membrane. V. Differences in the assembly process of cytochrome oxidase and coenzyme QH₂: cytochrome c reductase during respiratory adaptation (BBA 28381)
by G.G. Brown and D.S. Beattie (New York, N.Y., U.S.A.) 538 (1978) 173—187
- Molecular pathology of Fabry's disease. Physical and kinetic properties of α -galactosidase A in cultured human endothelial cells (BBA 28388)
by D.L. Johnson and R.J. Desnick (Minneapolis, Minn., U.S.A.) 538 (1978) 195—204
- Effect of sex steroids on choline acetyltransferase and acetylcholinesterase of cerebral hemisphere of male rats of various ages (BBA 28402)
by T.C. James and M.S. Kanungo (Varanasi, India) 538 (1978) 205—211
- Kinetics of uptake and activity in mouse liver of glutaminase coupled to desialated orosomucoid (BBA 28385)
by G. Schmer, J.S. Holcenberg and J. Roberts (Seattle, Wash., Milwaukee, Wisc. and New York, N.Y., U.S.A.) 538 (1978) 397—405
- Synthesis and decomposition of alcohol esters of 5'-AMP by rat liver plasma membrane (BBA 28415)
by Z. Kiss and J. Hanoune (Créteil, France) 538 (1978) 458—472

- Two types of cyclic GMP binding site associated with the cyclic AMP-dependent protein kinase from lymphocytes (BBA 28419)
by A. Farago, P. Hasznos, F. Antoni and T. Romhányi (Budapest, Hungary) 538 (1978) 493–504
- The role of blood clotting factor V in the conversion of prothrombin and a decarboxy prothrombin into thrombin (BBA 28384)
by C. Vermeer, J.W.P. Govers-Riemslog, B.A.M. Soute, M.J. Lindhout, J. Kop and H.C. Hemker (Maastricht, The Netherlands) . . . 538 (1978) 521–533

BBA-PROTEIN STRUCTURE

- Binding of zinc to alpha-2-macroglobulin and its role in enzyme binding activity (BBA 37796)
by N.F. Adham, M.K. Song and H. Rinderknecht (Sepulveda, and Los Angeles, Calif., U.S.A.) 495 (1977) 212–219
- Subunit structure of the reconstitutively active cytochrome *b-c₁* complex. Determination of amino acids and molar distribution of subunit fractions from gel electrophoresis (BBA 37807)
by L. Yu, C.-A. Yu and T.E. King (Albany, N.Y., U.S.A.) 495 (1977) 232–247
- Identification of subunits of bovine heart cytochrome oxidase (BBA 37808)
by C.-A. Yu and L. Yu (Albany, N.Y., U.S.A.) 495 (1977) 248–259
- Affinity labelling of human transcortin (BBA 37803)
by F. Le Gaillard and M. Dautrevaux (Lille, France) 495 (1977) 312–323
- Enzymic and immunological properties of lysozyme. XIX. Definition of the direction and conformational restrictions of the antigenic site around the disulfide bonds 64–80 and 76–94 (site 2) by 'surface-simulation' synthesis (BBA 37800)
by C.-L. Lee and M.Z. Atassi (Rochester, Minn., U.S.A.) 495 (1977) 354–368
- Structural studies on glyceraldehyde-phosphate dehydrogenase from rat skeletal muscle (BBA 37826)
by N.K. Nagradova, M.I. Safronova, L.A. Baratova and L.P. Belianova (Moscow, U.S.S.R.) 532 (1978) 1–5
- Cytosolic aspartate aminotransferase. Studies on subunit interactions with the apo/holo hybrid dimer (BBA 37816)
by H. Schlegel and P. Christen (Zurich, Switzerland) 532 (1978) 6–16
- Modification of a specific tyrosine residue of ribonuclease A with a diazonium inhibitor analog (BBA 37831)
by M. Gorecki and M. Wilchek (Rehovot, Israel) 532 (1978) 81–91

BBA-BIOENERGETICS

- Inhibitory effect of high oxygen pressure on potassium-induced activation of pyruvate dehydrogenase and glucose metabolism in rat brain slices (BBA 47400)
by G.B. Kovachich, M.J. Schina and N. Haugaard (Philadelphia, Pa., U.S.A.) 462 (1977) 493–500
- Phosphorylation of an actin · tropomyosin · troponin complex from skeletal muscle (BBA 47401)
by G. Bailin (New York, N.Y., U.S.A.) 462 (1977) 689–699
- Low-temperature flash photolysis studies of cytochrome oxidase and its environment (BBA 47399)
by M. Sharrock and T. Yonetani (Philadelphia, Pa., U.S.A.) 462 (1977) 718–730
- Pulse fluorimetry study of energy transfers between tryptophan residues and NADPH in beef liver glutamate dehydrogenase complexes (BBA 47408)
by J.C. Brochon, Ph. Wahl, J.M. Jallon and M. Iwatsubo (Orleans and Gig-sur-Yvette, France) 462 (1977) 759–769

- Effect of haemolysis on the hexose monophosphate pathway in normal and in glucose-6-phosphate dehydrogenase-deficient erythrocytes (BBA 47419)
by S. Galiano, C. Mareni and G.F.D. Gaetani (Genoa, Italy) 501 (1978) 1—9
- The extent of mitochondrial F₁-ATPase and adenine nucleotide carrier activity with ϵ -ATP (BBA 47434)
by R.S. Kaplan and P.S. Coleman (New York, N.Y., U.S.A.) 501 (1978) 269—274

BBA-LIPIDS AND LIPID METABOLISM

- Glyceride synthesis by four kinds of microbial lipase (BBA 57104)
by Y. Tsujisaka, S. Okumura and M. Iwai (Osaka, Japan) 489 (1977) 415—422
- The action of purified lysophospholipases on microsomal membrane-bound lysophosphatidylcholine (BBA 57101)
by H. Moonen, P. Trienekens and H. van den Bosch (Utrecht, The Netherlands) 489 (1977) 423—430
- Effects of deoxycholate and phospholipase A₂ on choline and ethanolamine phosphotransferases of chicken brain microsomes (BBA 57091)
by L. Freysz, L.A. Horrocks and P. Mandel (Strasbourg, France and Columbus, Ohio, U.S.A.) 489 (1977) 431—439
- The enzymes of phosphatidylcholine biosynthesis in the fetal mouse lung. Effects of dexamethasone (BBA 57096)
by V. Oldenburg and L.M.G. van Golde (Utrecht, The Netherlands) 489 (1977) 454—465
- NAD-dependent 3 α - and 12 α -hydroxysteroid dehydrogenase activities from *Eubacterium lentum* ATCC No. 25559 (BBA 57094)
by I.A. MacDonald, D.E. Mahony, J.F. Jellet, C.E. Meier (Halifax, Canada) 489 (1977) 466—476
- Evidence for the different responses of Δ^9 -, Δ^6 - and Δ^5 -fatty acyl-CoA desaturases to cytoplasmic proteins (BBA 57110)
by R. Jeffcoat, A.P. Dunton and A.T. James (Bedford, U.K.) . . . 528 (1978) 28—35
- Monoacylglycerol hydrolase activity of isolated rat small intestinal epithelial cells (BBA 57111)
by B.J.P. de Jong and W.C. Hülsmann (Rotterdam, The Netherlands) 528 (1978) 36—46
- Determination of lipoprotein-lipase activity in human skeletal muscle tissue (BBA 57113)
by H. Lithell and J. Boberg (Uppsala, Sweden) 528 (1978) 58—68
- The activator of cerebroside-sulphatase. A model of the activation (BBA 57115)
by G. Fischer and H. Jatzkewitz (Munich, G.F.R.) 528 (1978) 69—76
- Cyclic peroxides from a soya lipoxygenase-catalysed oxygenation of methyl linolenate (BBA 57118)
by M. Roza and A. Francke (Vlaardingen, The Netherlands) . . . 528 (1978) 119—126
- Partial purification and characterization of NADP-dependent 12 α -hydroxysteroid dehydrogenase from *Clostridium leptum* (BBA 57117)
by J.N. Harris and P.B. Hylemon (Richmond, Va., U.S.A.) 528 (1978) 148—157

BBA-BIOMEMBRANES

- Purification and characterization of (Na⁺ + K⁺)-ATPase. VII. Tryptic degradation of the Na-form of the enzyme protein resulting in selective modification of dephosphorylation reactions of the (Na⁺ + K⁺)-ATPase (BBA 77914)
by P.L. Jørgensen and I. Klodos (Aarhus, Denmark) 507 (1978) 8—16

Is there a plasma membrane-located anion-sensitive ATPase? III.
Identity of the erythrocyte enzyme with $(\text{Ca}^{2+} + \text{Mg}^{2+})$ -ATPase
(BBA 77917)

by J.M.M. van Amelsvoort, P.M.K.B. van Hoof, J.J.H.H.M. de

Pont and S.L. Bonting (Nijmegen, The Netherlands) 507 (1978) 83—93