

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

- Adenosine and adenine nucleotides stimulation of skin (epidermal) adenylyl cyclase (BBA 28049)
by H. Iizuka, K. Adachi, K.M. Halprin and V. Levine (Miami, Fla., U.S.A.) 444 (1976) 685-693
- Isolation and identification of a mevalonolactone by-product formed during the assay for 3-hydroxy-3-methylglutaryl coenzyme A reductase activity (BBA 28040)
by A. Sanghvi and B. Parikh (Pittsburg, Pa., U.S.A.) 444 (1976) 727-733
- Moenomycin: an inhibitor of C₅₅-isoprenoid-alcohol kinase from *Staphylococcus aureus* (BBA 28032)
by H. Sandermann, Jr. (Freiburg, G.F.R.) 444 (1976) 783-788
- A labile acid phosphatase isozyme associated with the surface of vegetative *Dictyostelium discoideum* cells (BBA 28035)
by R.W. Parish (Zürich, Switzerland) 444 (1976) 802-809
- Properties and subcellular localization of CMP-N-acetylneuraminic acid hydrolase of calf kidney (BBA 28039)
by W. van Dijk, H. Maier and D.H. van den Eijnden (Amsterdam, The Netherlands) 444 (1976) 816-834
- A *Limulus* glucose-6-phosphatase with phosphotransferase activity characteristic of vertebrate liver microsomes. Its possible evolutionary significance (BBA 28046)
by M.R. Stetten and P.K. Goldsmith (Bethesda, Md. and Woods Hole, Mass., U.S.A.) 444 (1976) 835-852
- Localization and some properties of lysosomal dipeptidases in rat liver (BBA 28048)
by J.M.W. Bouma, A. Scheper, A. Duursma and M. Gruber, (Groningen, The Netherlands) 444 (1976) 853-862
- Electrolytic regeneration of NADH from NAD⁺ with a liquid crystal membrane electrode (BBA 28028)
by M. Aizawa, S. Suzuki and M. Kubo (Tokyo, Japan) 444 (1976) 886-892
- Cyclic AMP metabolism in mouse parotid glands. Properties of adenylyl cyclase, protein kinase and phosphodiesterase (BBA 28068)
by H. Chiu, D.J. Franks, R. Rowe and D. Malamud (Boston, Mass., U.S.A.) 451 (1976) 29- 40
- Effects of adenosine and its derivatives on protein kinase activity of beef thyroid (BBA 28081)
by T. Kariya and J.B. Field (Pittsburg, Pa., U.S.A.) 451 (1976) 41- 47
- Subcellular location of adenylyl cyclase in rat cardiac muscle (BBA 28057)
by V.H. Engelhard, D.A. Plut and D.R. Storm (Urbana, Ill., U.S.A.) 452 (1976) 48- 61
- Effects of cholera toxin on hormonal responsiveness of adenylyl cyclase in human fibroblasts and rat fat cells (BBA 28085)
by V.C. Manganiello, C.J. Lovell-Smith and M. Vaughan (Bethesda, Md., U.S.A.) 451 (1976) 62- 71

- Glycoprotein synthesis in gastric epithelial cells of the rat. Properties of microsomal glycoprotein glycosyltransferases (BBA 28061)
by G. J.A.M. Strous and M.F. Kramer (Utrecht, The Netherlands) 451 (1976) 201–211
- Acid inactivation of short-lived rat liver enzymes (BBA 28073)
by J.S. Bond (Richmond, Va., U.S.A.) 451 (1976) 238–249
- Immunochemical study of β -glucuronidase inhibitor from porcine sublingual gland. Relationship between the antigenic determinant and the active site of the inhibitor (BBA 28072)
by W. Sakamoto and O. Nishikaze (Sapporo, Japan) 451 (1976) 259–266

BBA-PROTEIN STRUCTURE

- Purification and characterization of coagulant protein from the venom of Russell's viper (BBA 37486)
by Y. Yamaguchi, Y. Matsunaga and K. Hayashi (Kyoto, Japan) . 453 (1976) 48– 61
- Inactivation of *Streptomyces* subtilisin inhibitor by chemical modifications (BBA 27480)
by H. Aoshima (Kyoto, Japan) 453 (1976) 139–150
- Formiminotransferase–cyclodeaminase from porcine liver. An octomeric enzyme containing bifunctional polypeptides (BBA 37475)
by R. Beaudet and R.E. MacKenzie (Montreal, Canada) 453 (1976) 151–161
- Studies on metrizamide-protein interactions (BBA 37476)
by A. Hüttermann and G. Wendlberger-Schieweg (Göttingen, G.F.R.) 453 (1976) 176–184
- Use of an iridium electrode for direct measurement of pI of proteins after isoelectric focusing in polyacrylamide gel (BBA 37491)
by G. Papeschi, S. Bordi, C. Beni and L. Ventura (Florence, Italy) 453 (1976) 192–199
- Absorption and circular dichroism spectra of different forms of mushroom tyrosinase (BBA 37501)
by A.J.M. Schoot Uiterkamp, L.H. Evans, R.L. Jolley and H.S. Mason (Portland, Oreg., U.S.A.) 453 (1976) 200–204
- Molecular properties and a nonidentical trimeric structure of purine nucleotide phosphorylase from chicken liver (BBA 37492)
by K. Murakami and K. Tsushima (Yokohama, Japan) 453 (1976) 205–210
- Low temperature magnetic susceptibility of a human Co(II) carbonic anhydrase B sulphonamide complex (BBA 37502)
by R. Aasa, M. Hanson and S. Lindskog (Gothenburg, Sweden) . . 453 (1976) 211–217
- Acid phosphomonoesterase of human prostate. Carbohydrate content and optical properties (BBA 27484)
by W. Ostrowski, A.K. Bhargava, E. Dziembor, M. Gizler, J. Grys-kiewicz and E.A. Bernard (Cracow, Poland and Buffalo, N.Y., U.S.A.) 453 (1976) 262–269
- N-Propyldihydrolipoamide glass beads. An immobilized reducing agent (BBA 37477)
by W.H. Scouten and G.L. Firestone (Lewisburg, Pa., U.S.A.) . . . 453 (1976) 277–284
- The amino acid sequence of topi pancreatic ribonuclease (BBA 37460)
by H. Kuper and J.J. Beintema (Groningen, The Netherlands) . . . 446 (1976) 337–344
- Affinity chromatography of human plasma and platelet factor XIII on organomercurial agarose (BBA 37454)
by J. McDonagh, W.G. Waggoner, E.G. Hamilton, B. Hindenach and R.P. McDonagh (Chapel Hill, N.C., U.S.A.) 446 (1976) 345–357
- Structural characterization of a glycoprotein cellulase, 1,4- β -D-glucan cellobiohydrolase C from *Trichoderma viride* (BBA 37451)
by E.K. Gum, Jr. and R.D. Brown, Jr. (Blacksburg, Va., U.S.A.) . 446 (1976) 371–386
- Insect haemolymph exo- β -N-acetylglucosaminidase from *Bombyx*

- mori*. Purification and properties (BBA 37469)
 by S. Kimura (Tokyo, Japan) 446 (1976) 399-406
- Some properties of erythocuprein treated by organic solvents (BBA 37462)
 by M.A. Symonyan and R.M. Nalbandyan (Yerevan, U.S.S.R.) 446 (1976) 432-444
- Studies on the binding of FMN by apoflavodoxin from *Peptostreptococcus elsdenii*. pH and NaCl concentration dependence (BBA 37461)
 by R. Gast, B.E. Valk, F. Müller, S.G. Mayhew and C. Veeger (Wageningen, The Netherlands) 446 (1976) 463-471
- Resonance Raman spectra of chloroperoxidase (BBA 37465)
 by P.M. Champion, R.D. Remba, R. Chiang, D.B. Fitchen and L.P. Hager (Ithaca, N.Y., and Urbana, Ill., U.S.A.) 446 (1976) 486-492

BBA-BIOENERGETICS

- Studies on the ferrochelatase activity of isolated rat liver mitochondria with special reference to the effect of oxidizable substrates and oxygen concentration (BBA 47213)
 by M.E. Koller, I. Romslo and T. Flatmark (Bergen, Norway) 449 (1976) 480-490

BBA-LIPIDS AND LIPID METABOLISM

- Secretion of lecithin:cholesterol acyltransferase from isolated rat hepatocytes (BBA 56860)
 by G. Nordby, T. Berg, M. Nilsson and K.R. Norum (Oslo, Norway) 450 (1976) 69-77
- Distinct testicular 17-ketosteroid reductases, one in interstitial tissue and one in seminiferous tubules. Differential modulation by testosterone and metabolites of testosterone (BBA 56863)
 by E.P. Murolo and A.H. Payne (Ann Arbor, Mich., U.S.A.) 450 (1976) 89-100
- 3 α -, 7 α - and 12 α -hydroxysteroid dehydrogenase activities from *Clostridium perfringens* (BBA 56872)
 by I.A. MacDonald, E.C. Meier, D.E. Mahony and G.A. Costain (Halifax, Canada) 450 (1976) 142-153
- Studies on phosphatidylinositol phosphodiesterase (phospholipase C type) of *Bacillus cereus*. I. purification, properties and phosphatase-releasing activity (BBA 56882)
 by H. Ikezawa, M. Yamanegi, R. Taguchi, T. Miyashita and T. Ohyabu (Nagoya, Japan) 450 (1976) 154-164
- Properties of triacylglycerol lipase in a mitochondrial fraction from baker's yeast (*Saccharomyces cerevisiae*) (BBA 56884)
 by I. Schousboe (Copenhagen, Denmark) 450 (1976) 165-174
- Properties of microsomal phospholipases in rat liver and hepatoma (BBA 56885)
 by R.H. Lumb and K.F. Allen (Cullowhee, N.C., U.S.A.) 450 (1976) 175-184

BBA-BIOMEMBRANES

- Selective solubilization of the components of the mitochondrial inner membrane by lysolecithin (BBA 77482)
 by J. Rydström (Stockholm, Sweden) 455 (1976) 24-35
- Structural and topological homology between porcine intestinal and renal brush border aminopeptidase (BBA 77480)
 by C. Vannier, D. Louvard, S. Maroux and P. Desnuelle (Marseille, France) 455 (1976) 185-199
- Comparison of the epinephrine-mediated activation of adenylate

- cyclase in plasma membranes from liver and ascites hepatomas of rats (BBA 77498)
 by N. Okamura and H. Terayama (Tokyo, Japan) 455 (1976) 297-314
- Glucose 6-phosphate-dependent binding of hexokinase to membranes of ascites tumor cells (BBA 77506)
 by Y.H. Kang and E.L. Coe (Chicago, Ill., U.S.A.) 455 (1976) 315-321
- Labelling of sarcoplasmic reticulum membranes with 1-dimethylaminonaphthalene-5-sulfonyl chloride (BBA 77494)
 by Y. Katsumata, F. Tanaka, M. Hagihara, K. Yagi and N. Yamana (Nagoya, Japan) 455 (1976) 399-411

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- Characterization of DNA polymerase associated with nuclear membrane fractions from uninfected and adenovirus 2-infected KB cells (BBA 98718)
 by K. Ito, M. Arens and M. Green (St. Louis, Mo., U.S.A.) 447 (1976) 340-352
- Antigenic relationships in calf thymus and human leukemic cell terminal deoxynucleotidyl transferase (BBA 98719)
 by J.Y.H. Chan and B.I.S. Srivastava (Buffalo, N.Y., U.S.A.) 447 (1976) 353-359
- Purification and characterization of gibbon ape leukemia virus DNA polymerase (BBA 98755)
 by P.S. Sarin and R.C. Gallo (Bethesda, Md., U.S.A.) 454 (1976) 212-221
- Purification from Baker's yeast of an activator of DNA photolyase (BBA 98763)
 by J.J. Madden, J. Denson and H. Werbin (Richardson, Texas, U.S.A.) 454 (1976) 222-229