

TITLES OF RELATED PAPERS IN OTHER SECTIONS

The following papers which 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

- Androgens regulate cell growth, lysosomal hydroxylases and mitochondrial cytochrome *c* oxidase in mouse aorta (BBA 29532)
by A.D. Goldstone, H. Koenig and C.Y. Lu (Chicago, IL, U.S.A.) 673 (1981) 170–176
- Endogenous substrates for protein kinases in *Coprinus macrorrhizus* (BBA 29529)
by I. Uno and T. Ishikawa (Tokyo, Japan) 673 (1981) 197–202

BBA-PROTEIN STRUCTURE

- The interaction of α_1 -antitrypsin with trypsin, chymotrypsin and human leukocyte elastase as revealed by end group analysis (BBA 38622)
by R.R. Martodam and I.E. Liener (St. Paul, MN, U.S.A.) 667 (1981) 328–340
- Peptic peptide of thiolsubtilisin. Analytical evidence for the chemical transformation of the essential serine-221 to cysteine-221 (BBA 38616)
by L. Polgár and M. Sajgó (Budapest, Hungary) 667 (1981) 351–354
- Venom exonuclease. III. Immunochemical characterization and modification by specific antibody (BBA 38610)
by L.B. Dolapchiev and L.Ts. Vassilev (Sofia, Bulgaria) 667 (1981) 355–360
- Studies on the structure of aldolase A from chicken muscle (BBA 38625)
by C.M. Schettino, D.F. Lima, J.F. Leyton, H.A. El-Dorry and M. Bacila (São Paulo, Brazil) 667 (1981) 411–420

BBA-BIOENERGETICS

- The identity of a new copper(II) electron paramagnetic resonance signal in cytochrome *c* oxidase (BBA 48013)
by B. Karlsson and L.-E. Andréasson (Gothenburg, Sweden) 635 (1981) 73–80
- The subunit structure of bovine heart mitochondrial transhydrogenase (BBA 41341)
by W.M. Anderson and R.R. Fisher (Columbia, SC, U.S.A.) 635 (1981) 194–199
- On the mechanism of action of anesthetics. Direct inhibition of mitochondrial F_1 -ATPase by *n*-butanol and tetracaine (BBA 41342)
by G. Vanderkooi, J. Shaw, C. Storms, R. Vennerstrom and D. Chignell (DeKalb and Wheaton, IL, U.S.A.) 635 (1981) 200–203

BBA-LIPIDS AND LIPID METABOLISM

- Activity of *N*-acetylmuramoyl-L-alanine amidase in phospholipidic environments (BBA 57702)
by E. Vanderwinkel, M. de Vlieghere and L. de Tanhoffer de Volcsey (Brussels, Belgium) 663 (1981) 46—57
- Involvement of cytochrome *b*₅ and a cyanide-sensitive monooxygenase in the 4-demethylation of 4,4-dimethylzymosterol by yeast microsomes (BBA 57720)
by Y. Aoyama, Y. Yoshida, R. Sato, M. Susani and H. Ruis (Hyogo and Osaka, Japan and Vienna, Austria) 663 (1981) 194—202
- Purification and properties of rat liver hydroxymethylglutaryl coenzyme A reductase phosphatases (BBA 57732)
by G. Gil, M. Sitges and F.G. Hegardt (Barcelona, Spain) 663 (1981) 211—221
- Lipid composition and molecular species of sialic acids of a mouse cell line (JLS-V9) and its ouabain-resistant mutant (BBA 57722)
by Y. Niimura and I. Ishizuka (Tokyo, Japan) 663 (1981) 266—278
- Inhibition of phosphoenolpyruvate carboxykinase, glycerooneogenesis and fatty acid synthesis in rat adipose tissue by quinolinate and 3-mercaptopycolinate (BBA 57721)
by M.J. MacDonald and B.K. Grewe (Madison, WI, U.S.A.) 663 (1981) 302—313
- Demonstration of hepatic heparin-releasable lipase in the guinea-pig (BBA 51303)
by L. Wallinder, G. Bengtsson and T. Olivecrona (Umea, Sweden) 663 (1981) 356—359
- A novel preparation of human platelet lipoxygenase. Characteristics and inhibition by a variety of phenyl hydrazones and comparisons with other lipoxygenases (BBA 57728)
by D.P. Wallach and V.R. Brown (Kalamazoo, MI, U.S.A.) 663 (1981) 361—372
- Acetyl-CoA carboxylase activity in cultured human fibroblasts. Induction by insulin in relation to cell growth and triacylglycerol metabolism (BBA 57735)
by E. Shafrir and E.L. Bierman (Seattle, WA, U.S.A.) 663 (1981) 432—445
- Purification of two lipases with high phospholipase A₁ activity from guinea-pig pancreas (BBA 57747)
by J. Fauvel, M.-J. Bonnefais, L. Sarda, H. Chap, J.-P. Thouvenot and L. Douste-Blazy (Toulouse and Marseilles, France) 663 (1981) 446—456
- Biosynthesis of 1-alkyl-2-acetyl-*sn*-glycero-3-phosphocholine (platelet activating factor and a hypotensive lipid) by cholinephosphotransferase in various rat tissues (BBA 57748)
by W. Renooij and F. Snyder (Oak Ridge, TN, U.S.A.) 663 (1981) 545—556

BBA-BIOMEMBRANES

- Inhibitory effect of colchicine on translocation of alkaline phosphatase to the plasma membrane concomitant to its induction in rat liver (BBA 79072)
by K. Oda and Y. Ikehara (Fukuoka, Japan) 640 (1981) 398—408
- Studies on (K⁺ + H⁺)-ATPase. II. Role of sulfhydryl groups in its reaction mechanism (BBA 79074)
by J.J. Schrijen, W.A.H.M. van Groningen-Luyben, J.J.H.H.M. de Pont and S.L. Bonting (Nijmegen, The Netherlands) 640 (1981) 473—486
- Studies on (K⁺ + H⁺)-ATPase. III. Binding of adenylyl imidodiphosphate (BBA 79075)
by F.J.M. van de Ven, J.J. Schrijen, J.J.H.H.M. de Pont and S.L. Bonting (Nijmegen, The Netherlands) 640 (1981) 487—499
- The hydrophobic character of the membrane-bound phosphodiesterase from *Dictyostelium discoideum* (BBA 79081)
by M.-H. Blondelet and P. Brachet (Paris, France) 640 (1981) 572—582

Solubilization of rat heart sarcolemma 5'-nucleotidase by phosphatidylinositol-specific phospholipase C (BBA 79115) by V. Panagia, C.E. Heyliger, P.C. Choy and N.S. Dhalla (Winnipeg, Canada)	640 (1981) 802-806
Studies on (Na ⁺ + K ⁺)-activated ATPase. XLVII. Chemical composition, molecular weight and molar ratio of the subunits of the enzyme from rabbit kidney outer medulla (BBA 79121) by W.H.M. Peters, J.J.H.H.M. de Pont, A. Koppers and S.L. Bon-ting (Nijmegen, The Netherlands)	641 (1981) 55- 70
Selective interaction of D-β-hydroxybutyrate dehydrogenase with intracellular membranes (BBA 79132) by M. Miyahara, K. Utsumi and D.W. Deamer (Kochi, Japan and Davis, CA, U.S.A.)	641 (1981) 222-231
Membrane localization of myocardial type II cyclic AMP-dependent protein kinase activity (BBA 79140) by L.R. Jones, S.W. Maddock and D.R. Hathaway (Indianapolis, IN, U.S.A.)	641 (1981) 242-254
The modulation of Ca ²⁺ -ATPase activity of sarcoplasmic reticulum by membrane cholesterol. The effect of enzyme coupling (BBA 71497) by T.D. Madden, M.D. King and P.J. Quinn (London, U.K.)	641 (1981) 265-269
Some properties of the purified (Ca ²⁺ + Mg ²⁺)-ATPase from human red cell membranes (BBA 71498) by J. Stieger and S. Luterbacher (Berne, Switzerland)	641 (1981) 270-275
Biochemical studies of the excitable membrane of <i>Paramecium tetraurelia</i> . V. Effects of proteases on the ciliary membrane (BBA 79147) by R. Ramanathan, A. Adoutte and R.R. Dute (Madison, WI, U.S.A.)	641 (1981) 349-365
Selective chemical modification of plasma membrane ectoenzymes (BBA 79135) by N. Salem, Jr., C.J. Lauter and E.G. Trams (Bethesda, MD, U.S.A.)	641 (1981) 366-376
The effect of bilayer thickness on the activity of (Na ⁺ + K ⁺)-ATPase (BBA 71501) by A. Johannsson, G.A. Smith and J.C. Metcalfe (Cambridge, U.K.)	641 (1981) 416

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

Duplex DNA binding activity of the avian myeloblastosis virus DNA polymerase (BBA 99792) by S.W. Matson and R.A. Bambara (Rochester, NY, U.S.A.)	652 (1981) 29- 38
Effect of polyamines on purified poly(ADP-ribose) synthetase from rat liver nuclei (BBA 99808) by M. Kawamura, Y. Tanigawa, A. Kitamura, Y. Miyake and M. Shimoyama (Izumo, Japan)	652 (1981) 121-128
The phosphorylation of the proteins of rat liver heterogeneous ribo-nucleoprotein particles by an endogenous kinase activity (BBA 91508) by A.F. Wilks and J.T. Knowler (Glasgow, U.K.)	652 (1981) 228-233
Cooperation of terminal deoxynucleotidyl transferase with DNA polymerase α in the replication of ultraviolet-irradiated DNA (BBA 99821) by S. Yoshida, S. Masaki, H. Nakamura and T. Morita (Aichi and Nagoya, Japan)	652 (1981) 324-333