

## 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-MOLECULAR CELL RESEARCH

Possible exposure of leucine aminopeptidase on the cell surface of rabbit blood neutrophils by digitonin treatment (BBA 11293)  
by *I. Nagaoka and T. Yamashita (Tokyo, Japan)*  
804 (1984) 176–180

Electron-spin resonance studies of lipid-modified microsomes from Friend erythroleukemia cells (BBA 11312)  
by *I. Simon, S.N. Mathur, B.R. Lokesh and A.A. Spector (Iowa City, IA, U.S.A.)*  
804 (1984) 245–252

Prostaglandin modulation of *N*-formylmethionylleucylphenylalanine-induced transmembrane potential changes in rat neutrophils (BBA 11323)  
by *J.C. Fantone, R.E. Duque and S.H. Phan (Ann Arbor, MI, U.S.A.)*  
804 (1984) 265–274

Studies on the relationship between glycolysis and (Na<sup>+</sup> + K<sup>+</sup>)-ATPase in cultured cells (BBA 11331)  
by *R.S. Balaban and J.P. Bader (Bethesda, MD, U.S.A.)*  
804 (1984) 419–426

Effects of membrane lipid unsaturation on the interactions of insulin and multiplication stimulating activity with endothelial cells (BBA 11341)  
by *R.S. Bar, S. Dolash, A.A. Spector, T.L. Kaduce and P.H. Figard (Iowa City, IA, U.S.A.)*  
804 (1984) 466–473

### BBA-GENERAL SUBJECTS

Electrophoretic patterns of protein synthesis and turnover in apical plasma membrane and outerbilayer of *Schistosoma mansoni* (BBA 21745)  
by *L.L. Dean and R.B. Podesta (London, Canada)*  
799 (1984) 106–114

Glycoprotein Ib in the Triton-insoluble (cytoskeletal) fraction of blood platelets (BBA 21755)  
by *N.O. Solum and T.M. Olson (Oslo, Norway)*  
799 (1984) 209–220

Biochemical studies of taste sensation. XI. Isolation, characterization and taste ligand binding activity of plasma membranes from catfish taste tissues (BBA 21762)  
by *R.H. Cagan and A.G. Boyle (Philadelphia, PA, U.S.A.)*  
799 (1984) 230–237

Protein kinase(s) in bovine brain coated vesicles (BBA 21772)  
by *A. Pauloin, J. Loeb and P. Jollès (Paris and Villejuif, France)*  
799 (1984) 238–245

Characterization of the AtT-20 cell's 'repleting' glucocorticoid receptor (BBA 21774)  
by *L. Seigler and F. Svec (New Orleans, LA, U.S.A.)*  
800 (1984) 111–118

Phosphatidylcholine requirement for *N*-glycosylation of synthetic peptides by detergent-solubilized oligosaccharyltransferase (BBA 21811)  
by *J.-L. Franc and S. Bouchilloux (Marseilles, France)*  
800 (1984) 166–170

Cytoplasmic free calcium concentration in porcine platelets. Regulation by an intracellular nonmitochondrial calcium pump and increase after thrombin stimulation (BBA 21807)  
by *A.D. Purdon, J.L. Daniel, G.J. Stewart and H. Holmsen (Philadelphia, PA, U.S.A., and Bergen, Norway)*  
800 (1984) 178–187

The orientation of the ligands in iron(III)-bleomycin intercalated with DNA (BBA 21808)  
by *H. Shields and C. McGlumphy (Winston-Salem, NC, U.S.A.)*  
800 (1984) 277–281

Attachment of immunoglobulin to liposomal membrane via protein carbohydrate (BBA 21792)  
by *M.-M. Chua, S.-T. Fan and F. Karush (Philadelphia, PA, U.S.A.)*  
800 (1984) 291–300

Photoaffinity labeling of platelet thrombin-binding proteins (BBA 21814)  
by *K.J. Danishefsky and T.C. Detwiler (New York, NY, U.S.A.)*  
801 (1984) 48–57

Insulin binding in human skeletal muscle (BBA 21817)  
by *A. Bonen, D.A. Hood, M.H. Tan, M.M. Sopper and N. Bégin-Heick (Halifax and Ottawa, Canada)*  
801 (1984) 171–176

Subcellular localization of prostaglandin E<sub>2</sub> binding sites in bovine adrenal medulla (BBA 21821)  
by *A.C. Karaplis and W.S. Powell (Montreal, Canada)*  
801 (1984) 189–196

Dihomogammalinolenic acid, but not eicosapentaenoic acid,

activates washed human platelets (BBA 21854)

by W. Siess, F.L. Siegel and E.G. Lapetina (Research Triangle Park, NC, U.S.A.) 801 (1984) 265–276

# BBA-PROTEIN STRUCTURE & MOLECULAR ENZYMOLOGY

A reappraisal of the self-association of human spectrin (BBA 31927)

by M. Morris and G.B. Ralston (Sydney, Australia) 788 (1984) 132–137

Purification and characterization of kidney and intestinal brush-border membrane trehalases from the rabbit (BBA 31954)

by G. Galand (Rheims, France) 789 (1984) 10–19

Effect on the equilibrium between the Na<sup>+</sup>-form and the K<sup>+</sup>-form of the (Na<sup>+</sup> + K<sup>+</sup>)-ATPase of modification of the enzyme with pyridoxal 5-phosphate (BBA 31958)

by J.C. Skou (Aarhus, Denmark) 789 (1984) 44–50

Localisation of a group of antigenic sites in complement component C3, and identification of a new fragmentation pattern (BBA 31990)

by M. Fontaine and R.B. Sim (Bois-Guillaume, France, and Oxford, U.K.) 789 (1984) 119–127

# BBA-BIOENERGETICS

Na<sup>+</sup> and K<sup>+</sup> transport in *Nitrosomonas europaea* and *Nitrobacter agilis* (BBA 41500)

by S. Kumar and D.J.D. Nicholas (Glen Osmond, Australia) 765 (1984) 268–274

The effect of chloroplast coupling factor ATP synthetase (CF<sub>1</sub> · CF<sub>0</sub>) reconstitution on fluidity properties of isolated thylakoid lipid vesicles (BBA 41503)

by P.A. Millner, D.J. Chapman and J. Barber (London, U.K.) 765 (1984) 282–287

Influence of stray capacitance and sample resistance on the kinetics of fast photovoltages from oriented purple membranes (BBA 41502)

by H.W. Trissl, A. Der, P. Ormos and L. Keszthelyi (Osnabrück, F.R.G. and Szeged, Hungary) 765 (1984) 288–294

The reconstituted ADP/ATP carrier from mitochondria is both inhibited and activated by anions (BBA 41512)

by R. Krämer and G. Kürzinger (Munich, F.R.G.) 765 (1984) 353–362

Energetics of sodium-dependent  $\alpha$ -aminoisobutyric acid transport in the moderate halophile *Vibrio costicola* (BBA 41533)

by F. Hamaide, G.D. Sprott and D.J. Kushner (Ottawa, Canada) 766 (1984) 77–87

Voltage-dependent proton fluxes in liposomes (BBA 41514)

by M.L. Garcia, M. Kitada, H.C. Eisenstein and T.A. Krulwich (New York, NY, U.S.A.) 766 (1984) 109–115

The use of fluorescein-phosphatidylethanolamine for measuring pH-changes in the internal compartment of phospholipid vesicles (BBA 41536)

by M. Thelen, G. Petrone, P.S. O'Shea and A. Azzi (Bern, Switzerland) 766 (1984) 161–168

Interaction of  $\alpha$ -cyano[<sup>14</sup>C]cinnamate with the mitochondrial pyruvate translocator (BBA 41560)

by G. Paradies (Bari, Italy) 766 (1984) 446–450

Metabolic consequences of limited substrate anion permeability in brown fat mitochondria from a hibernator, the golden hamster (BBA 41581)

by B. Cannon, V.S.M. Bernson and J. Nedergaard (Stockholm, Sweden) 766 (1984) 483–491

# BBA-LIPIDS & LIPID METABOLISM

pH-dependent Ca<sup>2+</sup> interaction with phospholipids related to phosphatidylethanolamine N-methylation (BBA 51685)

by M. Maeda, M. Nishijima, Y. Takenaka, O. Kuge, Y. Akamatsu (Tokyo, Japan) 794 (1984) 298–306

Kinetic and mechanism of vesicle lipoperoxide decomposition by Fe(II) (BBA 51676)

by A. Garnier-Suillerot, L. Tosi and E. Paniago (Bobigny and Paris, France and Belo Horizonte, Brazil) 794 (1984) 307–312

Phospholipid transfer in yeast. Isolation and partial characterization of a phospholipid transfer protein from yeast cytosol (BBA 51689)

by G. Daum and F. Paltauf (Graz, Austria) 794 (1984) 385–391

Fatty acid composition of rat liver mitochondrial phospholipids during ethanol inhalation (BBA 51723)

by H. Rouach, M. Clement, M.-T. Orfanelli, B. Janvier and R. Nordmann (Paris, France) 795 (1984) 125–129

Lipoprotein lipase- and phospholipase A<sub>2</sub>-catalyzed hydrolysis of phospholipid vesicles with an encapsulated fluorescent dye. Effects of apolipoproteins (BBA 51708)

by D.A. Fugman, K. Shirai, R.L. Jackson and J.D. Johnson (Cincinnati, OH, U.S.A.) 795 (1984) 191–195

Characterization of high-density lipoprotein binding sites in rat liver and testis membranes (BBA 51732)

by G.K. Chacko (Philadelphia, PA, U.S.A.) 795 (1984) 417–426