

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

Inhibition of the formation of myotubes in vitro by inhibitors of transglutaminase (BBA 11165)

by *A.M. Bersten, Q.F. Ahkong, T. Hallinan, S.J. Nelson and J.A. Lucy* (London, U.K.) 762 (1983) 429–436

Growth-dependent expression of a cell surface glycoprotein (BBA 10012)

by *L. Theilmann, L. Teicher, C.S. Schildkraut and R.J. Stockert* (Bronx, NY, U.S.A.) 762 (1983) 475–477

Membrane damage by staphylococcal α -toxin to different types of cultured mammalian cell (BBA 11169)

by *M. Thelestam* (Stockholm, Sweden) 762 (1983) 481–488

Reduction in accumulation of [^3H]triphenylmethylphosphonium cation in neuroblastoma cells caused by optical probes of membrane potential. Evidence for interactions between carbocyanine dyes and lipophilic anions (BBA 11179)

by *G. Milligan and P.G. Strange* (Nottingham, U.K.) 762 (1983) 585–592

Inhibition of active sodium transport by cytochalasin B in rat jejunum in vitro (BBA 11177)

by *P.T. Beall, K.J. Karnaky, Jr., L.T. Garretson, V.-J. Kuo and L.L. Shanbour* (Houston, TX, U.S.A.) 763 (1983) 19–26

BBA-GENERAL SUBJECTS

Simultaneous loss and reappearance of α_1 -adrenergic responses and [^3H]prazosin binding sites in rat liver after irreversible blockade by phenoxybenzamine (BBA 21447)

by *C.J. Lynch, R.C. Deth and M.L. Steer* (Boston, MA, U.S.A.) 757 (1983) 156–165

Unique profile for erythrocyte membrane acetylcholinesterase in hereditary spherocytosis (BBA 21452)

by *S. Steichman, A. Klin, I. Tatarsky and A. Livne* (Haifa and Beer Sheva, Israel) 757 (1983) 168–175

Temperature-induced lysis of chromaffin granules provides evidence against the two-pool hypothesis of catecholamine storage (BBA 21458)

by *T.C. Südhof and S.J. Morris* (Göttingen, F.R.G.) 757 (1983) 176–181

Influence of folate-binding protein from bovine milk on the absorption of folate in gastrointestinal tract of rat (BBA 21476)

by *M. Tani, T. Fushiki and K. Iwai* (Kyoto, Japan) 757 (1983) 274–281

Acyl group composition of lipids and the activities of ($\text{Na}^+ + \text{K}^+$)-ATPase, 5'-nucleotidase and γ -glutamyltranspeptidase in salivary glands and kidneys of rats fed diets containing different dietary fats (BBA 21475)

by *S.Q. Alam and B.S. Alam* (New Orleans, LA, U.S.A.) 758 (1983) 1–9

The target sizes of the in situ and solubilized forms of human placental steroid sulfatase as measured by radiation inactivation (BBA 20050)

by *H. Noël, G. Beauregard, M. Potier, G. Bleau, A. Chapdelaine and K.D. Roberts* (Montreal, Canada) 758 (1983) 88–90

Muscarinic acetylcholine receptors of rat lymphocytes (BBA 21487)

by *W. Maśliński, K. Krzystyniak, F. Grabczewska and J. Ryżewski* (Warsaw, Poland) 758 (1983) 93–97

Solubilization, gel filtration and sedimentation behaviour of prolactin receptors from human ovarian tissue (BBA 21490)

by *A. Bono, G. Contoro, A. Martorana, R. Palermo and L. Pandolfo* (Palermo, Italy) 758 (1983) 158–167

Centrifugal analysis of undiluted packed human erythrocyte lysates. Studies of the association of glyceraldehyde-phosphate dehydrogenase with the membrane fraction (BBA 20051)

by *R.J. Simpson, K.M. Brindle and I.D. Campbell* (Oxford, U.K.) 758 (1983) 187–190

BBA-PROTEIN STRUCTURE & MOLECULAR ENZYMOLOGY

Dissociation and reconstitution of chitosomes (BBA 31616)

by *E. Hänseler, L.E. Nyhlén and D.M. Rast* (Zürich, Switzerland) 745 (1983) 121–133

Structure and dipole moment of melittin molecules in butanol/water as derived from dielectric dispersion and circular dichroism (BBA 31628)

by *T. Sano and G. Schwarz* (Basel, Switzerland) 745 (1983) 189–193

Interactions between chlorophyllase, chlorophyll *a*, plant lipids and Mg^{2+} (BBA 31649)

by W. Terpstra and J.W.J. Lambers (Utrecht, The Netherlands)
746 (1983) 23–31

Anomalous temperature-dependence of the specific interaction of concanavalin A with a multivalent ligand-dextran (BBA 31650)

by A. Waseem and A. Salahuddin (Aligarh, India)
746 (1983) 65–71

The effects of Na^+ and K^+ on the conformational transitions of $(Na^+ + K^+)$ -ATPase (BBA 31652)

by J.C. Skou and M. Esmann (Aarhus, Denmark)
746 (1983) 101–113

BBA-BIOENERGETICS

The location, orientation and stoichiometry of the Rieske iron-sulfur cluster in membranes from *Rhodopseudomonas sphaeroides* (BBA 41287)

by R.C. Prince (Philadelphia, PA, U.S.A.) 723 (1983) 133–138

Berberine derivatives as cationic fluorescent probes for the investigation of the energized state of mitochondria (BBA 41295)

by V. Mikeš and V. Dadák (Brno, Czechoslovakia)
723 (1983) 231–239

On the functional unit of energy coupling in photophosphorylation by bacterial chromatophores (BBA 41303)

by G.D. Hitchens and D.B. Kell (Aberystwyth, U.K.)
723 (1983) 308–316

Charge displacements in purple membranes adsorbed to a heptane/water interface. Evidence for a primary charge separation in bacteriorhodopsin (BBA 40022)

by H.-W. Trissel (Osnabrück, F.R.G.) 723 (1983) 327–331

Dissimilatory nitrate uptake in *Paracoccus denitrificans* via a $\Delta\mu_{H^+}$ -dependent system and a nitrate-nitrite antiport system (BBA 41315)

by F.C. Boogerd, H.W. Van Verseveld and A.H. Stouthamer (Amsterdam, The Netherlands) 723 (1983) 415–427

On the location of the carotenoids in the light-harvesting pigment-protein complexes of the photosynthetic bacterium

Rhodopseudomonas capsulata (BBA 40023)

by M. Symons and C. Swysen (Brussels, Belgium)
723 (1983) 454–457

Restoration of high-potential cytochrome *b*-559 in liposomes (BBA 41334)

by H. Matsuda and W.L. Butler (La Jolla, CA, U.S.A.)
724 (1983) 123–127

BBA-LIPIDS & LIPID METABOLISM

Effects of chronic ethanol exposure on composition and metabolism of *Tetrahymena* membrane lipids (BBA 51370)

by M. Goto, Y. Banno, S. Umeki, U. Kameyama and Y. Nozawa (Gifu, Japan) 751 (1983) 286–297

Lipid metabolism in Chinese hamster V79-R membranes composed of unusual phospholipid molecular species (BBA 51387)

by R. Urade and M. Kito (Uji, Japan) 751 (1983) 321–331

Cytochrome *b*₅-dependent Δ^9 desaturation of fatty acids in gastric microsomes (BBA 51383)

by D. Ghesquier, J.P. Carreau, J.C. Robert, M. Abastado, A.M. Cherte and M.J.M. Lewin (Paris, France) 751 (1983) 349–354

The production of liquid crystalline product phases by pancreatic lipase in the absence of bile salts. A freeze-fracture study (BBA 51391)

by M.W. Rigler and J.S. Patton (Athens, GA, U.S.A.)
751 (1983) 444–454

A comparison of the surface activities of rat plasma apolipoproteins C-II, C-III-0, C-III-3 (BBA 50039)

by K.E. Krebs, M.C. Phillips and C.E. Sparks (Philadelphia, PA, U.S.A.) 751 (1983) 470–473

Studies on thermal adaptation of *Tetrahymena* lipids. Alteration in fatty acid composition and its mechanism in the growth temperature shift-up (BBA 51402)

by S. Umeki, H. Maruyama and Y. Nozawa (Gifu, Japan)
752 (1983) 30–51

Lipid peroxidation of human erythrocyte ghosts induced by organic hydroperoxides (BBA 51424)

by J.F. Koster and R.G. Slee (Rotterdam, The Netherlands)
752 (1983) 233–239