

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

Abnormal insulin binding and membrane physical properties of a Friend erythroleukemia clone resistant to dimethylsulfoxide-induced differentiation (BBA 11238)

by I. Simon, T.J. Brown and B.H. Ginsberg (Iowa City, IA, U.S.A.) 803 (1984) 39–47

Endocytosis of formaldehyde-denatured serum albumin by nonparenchymal liver cells in vitro (BBA 11255)

by W. Eskild and T. Berg (Oslo, Norway) 803 (1984) 63–70

Variation of frequency spectrum of the erythrocyte flickering caused by aging, osmolarity, temperature and pathological changes (BBA 11258)

by K. Fricke and E. Sackmann (Munich, F.R.G.) 803 (1984) 145–152

Protein kinase activity on the cell surface of a macrophage-like cell line, J774.1 cells (BBA 11261)

by F. Amano, T. Kitagawa and Y. Akamatsu (Tokyo, Japan) 803 (1984) 163–173

Alteration of lipid organization following fertilization of sea urchin eggs (BBA 11253)

by D.J. Freidus, R.A. Schlegel and P. Williamson (Amherst, MA, and University Park, PA, U.S.A.) 803 (1984) 191–196

Interaction of T-2 toxin with murine lymphocytes (BBA 11263)

by M.I.C. Gyongyossy-Issa and G.G. Khachatourians (Saskatoon, Canada) 803 (1984) 197–202

BBA—GENERAL SUBJECTS

Inhibitory effect of cholesterol on the uptake of liposomes by liver and spleen (BBA 21613)

by H.M. Patel, N.S. Tuzel and B.E. Ryman (London, U.K.) 761 (1983) 142–151

Crosslinking of platelet glycoprotein Ib by *N*-succinimidyl(4-azidophenylthio)propionate and 3,3'-dithio-bis(sulfosuccinimidyl propionate) (BBA 21621)

by S.M. Jung and M. Mroi (Tochigi, Japan) 761 (1983) 152–162

Cell volume change of *Escherichia coli* under stringent control. Apparent increase of K^+ in *rel⁻* cells (BBA 21633)

by T. Kodaki, K. Izui and H. Katsuki (Kyoto, Japan) 761 (1983) 223–230

Relationship between the secretor status and the expression of ABH blood group antigenic determinants in human intestinal brush-border membrane hydrolases (BBA 21637)

by N. Triadou, E. Audran, M. Rousset, A. Zweibaum and R. Oriol (Paris, France) 761 (1983) 231–236

Solubility properties of alkaline phosphatase from matrix vesicles (BBA 21623)

by W. Stagni, F. Vittur and B. De Bernard (Trieste, Italy) 761 (1983) 246–251

Interaction of basement membrane components (BBA 21626)

by D.T. Woodley, C.N. Rao, J.R. Hassell, L.A. Liotta, G.R. Martin and H.K. Kleinman (Bethesda, MD, U.S.A.) 761 (1983) 278–283

Variations in $(Ca^{2+} + Mg^{2+})$ -ATPase, its inhibitor protein and calmodulin of density (age) separated rabbit erythrocytes (BBA 21632)

by K.S. Au and K.C. Chan (Hong Kong, Hong Kong) 761 (1983) 290–295

The pharmacological efficacy of a rigid non-phospholipid liposome drug delivery system (BBA 21631)

by K.R. Patel, M.P. Li, J.R. Schuh and J.D. Baldeschwieler (Pasadena, CA, U.S.A.) 797 (1984) 20–26

Characterization of a glycoprotein fusogen isolated from Sendai virus (BBA 21648)

by C.A. Kruse, B.J. Wisniewski and G. Popják (Los Angeles, CA, U.S.A.) 797 (1984) 40–50

The stimulus-secretion coupling of amino acid-induced insulin release metabolic interaction of L-asparagine and L-leucine in pancreatic islets (BBA 21662)

by W.J. Malaisse, F. Malaisse-Lagae and A. Sener (Brussels, Belgium) 797 (1984) 194–202

Monodehydroascorbate as an electron acceptor for NADH reduction by coated vesicle and Golgi apparatus fractions of rat liver (BBA 21645)

by I. Sun, D.J. Morré, F.L. Crane, K. Safranski and E.M. Croze (West Lafayette, IN, U.S.A.) 797 (1984) 266–275

Oxidation and denaturation of hemoglobin encapsulated in liposomes (BBA 21691)

by J. Szebeni, J.H. Breuer, J.G. Szelenyi, G. Bathori, G. Lelkes and S.R. Hollan (Budapest, Hungary) 798 (1984) 60–67

Relationship of dithiothreitol-dependent microsomal vitamin K quinone and vitamin K epoxide reductases. Inhibition of epoxide reduction by vitamin K quinone (BBA 20065)
by P.C. Preusch and J.W. Suttie (Madison, WI, U.S.A.)
798 (1984) 141–143

BBA-PROTEIN STRUCTURE & MOLECULAR ENZYMOLOGY

Properties of uridine diphosphate glucose pyrophosphorylase from Golgi apparatus of liver (BBA 31802)
by F. Persat, G. Azzar, M.-B. Martel and R. Got (Villeurbanne, France)
749 (1983) 329–332

A protein modulator of erythrocyte membrane (Ca^{2+} + Mg^{2+})-ATPase inhibitor protein (BBA 31818)
by K.S. Au and K.S. Lee (Hong Kong, Hong Kong)
784 (1984) 108–115

BBA-BIOENERGETICS

Mitochondrial membrane potential, transmembrane difference in the NAD^+ redox potential and the equilibrium of the glutamate-aspartate translocase in the isolated perfused rat heart (BBA 41410)
by R.A. Kauppinen, J.K. Hiltunen and I.E. Hassinen (Oulu, Finland)
725 (1983) 425–433

Spin-label studies of the lipid regions of spinach thylakoids and a detergent-derived oxygen-evolving Photosystem II preparation (BBA 41421)
by H. Aronson, C. Waggoner, J. More and S.P. Berg (Denver, CO, U.S.A.)
725 (1983) 519–528

Unusual redox behaviour of cytochrome *b*-561 from bovine chromaffin granule membranes (BBA 41433)
by D.K. Apps, M.D. Boisclair, F.S. Gavine and G.W. Pettigrew (Edinburgh, U.K.)
764 (1984) 8–16

Mode of insertion of chlorophyll *a* in a lipid layer. A conformational approach (BBA 41460)
by R. Brasseur, J. De Meutter and J.M. Ruysschaert (Brussels, Belgium)
763 (1984) 295–300

Studies on the mechanism of action of local anesthetics on proton translocating ATPase from *Mycobacterium phlei* (BBA 41462)
by N. Agarwal and V.K. Kalra (Los Angeles, CA, U.S.A.)
763 (1984) 316–323

Membrane potential and surface potential in mitochondria. Binding of a cationic spin probe (BBA 41434)
by K. Hashimoto, P. Angiolillo and H. Rottenberg (Philadelphia, PA, U.S.A.)
764 (1984) 55–62

Chloroplast thylakoid membrane proteins having buried amine buffering groups (BBA 41452)
by J.A. Laszlo, G.M. Baker and R.A. Dilley (West Lafayette, IN, U.S.A.)
764 (1984) 160–169

Characteristics of adenine nucleotide fluxes and transport in human tumor mitochondria (BBA 41447)
by A.F. Knowles (La Jolla, CA, U.S.A.)
764 (1984) 203–212

BBA-LIPIDS & LIPID METABOLISM

Structural specificity in demyelination induced by lysophospholipids (BBA 51543)
by P.A. Low, J.D. Schmelzer, J.K. Yao, P.J. Dyck, S. Parthasarathy and W.J. Baumann (Rochester and Austin, MN, U.S.A.)
754 (1983) 298–304

Phytohemagglutinin induces rapid degradation of phosphatidylinositol 4,5-bisphosphate and transient accumulation of phosphatidic acid and diacylglycerol in a human T lymphoblastoid cell line, CCRF-CEM (BBA 51539)
by H. Hasegawa-Sasaki and T. Sasaki (Sapporo, Japan)
754 (1983) 305–314

Effects of transient anaerobic stress on fatty acid desaturation and electron-transport system in *Tetrahymena* microsomes (BBA 51548)
by S. Umeki and Y. Nozawa (Gifu, Japan)
792 (1984) 25–32

Phospholipid exchange activity in developing rat brain (BBA 51546)
by E.M. Carey and P.C. Foster (Sheffield, U.K.)
792 (1984) 48–58

Formation of age pigment-like fluorescent substances during peroxidation of lipids in model membranes (BBA 51571)
by H. Shimasaki, N. Ueta, H.-O. Mowri and K. Inoue (Tokyo, Japan)
792 (1984) 123–129

Incorporation of palmitic acid or oleic acid into macrophage membrane lipids exert differential effects on the function of normal mouse peritoneal macrophages (BBA 51573)
by B.R. Lokesh and M. Wrann (Vienna, Austria)
792 (1984) 141–148

Nanosecond time-resolved emission anisotropy of the fluorescent probe 1,6-diphenyl-1,3,5-hexatriene in human amniotic fluid (BBA 51570)
by R.L. Cavalieri, A.A. Kowalczyk, L. Davenport, C. Chin and L. Brand (Baltimore, MD, U.S.A.)
792 (1984) 158–163

Infrared spectroscopic evidence for intermolecular hydrogen bonding in *O*-phospho-L-serine. A model for an anionic lipid headgroup (BBA 51567)
by R.A. Dluhy, D.G. Cameron and H.H. Mantsch (Ottawa, Canada)
792 (1984) 182–185

D,L- α -Fluoropalmitic acid inhibits sphingosine base formation and accumulates in membrane lipids of cultured mammalian cells (BBA 51568)
by R.M. Soltysiak, F. Matsuura, D. Bloomer and C.C. Sweeley (East Lansing, MI, U.S.A.)
792 (1984) 214–226

Uptake of fatty acids by the yeasts, *Saccharomyces uvarum* and *Saccharomycopsis lipolytica* (BBA 51582)
by S.D. Kohlwein and F. Paltauf (Graz, Austria)
792 (1984) 310–317