

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

Regulation of 3-*O*-methyl-D-glucose uptake in isolated bovine adrenal chromaffin cells (BBA 11703)

by L. Bigornia, M. Wattis and I. Bihler (Winnipeg, Canada)
886 (1986) 177–186

Lanthanum increases the rat thymocyte cytoplasmic free calcium concentration by enhancing calcium influx (BBA 11706)

by J. Segal (Boston, MA, U.S.A.) 886 (1986) 267–271

Quantitative aspects of the uptake and degradation of lysozyme in the rat kidney in vivo (BBA 11735)

by J. Hysing and H. Tolleshaug (Oslo, Norway)
887 (1986) 42–50

Synchronous oscillation of the cytoplasmic Ca^{2+} concentration and membrane potential in cultured epithelial cells (Intestine 407) (BBA 11739)

by T. Yada, S. Oiki, S. Ueda and Y. Okada (Kyoto, Japan)
887 (1986) 105–112

Interactions of insulin, catecholamines and adenosine in the regulation of glucose transport in isolated rat cardiac myocytes (BBA 11730)

by M.F. Shanahan, B.M. Edwards and A.E. Ruoho (Carbondale, IL, and Madison, WI, U.S.A.) 887 (1986) 121–129

Surface charge measurements on *Micrococcus lysodeikticus* and the catalytic implications for lysozyme (BBA 11827)

by J.A.R. Price and R. Pethig (Bangor, U.K.)
889 (1986) 128–135

Guanine nucleotides reduce the free calcium requirement for secretion of granule constituents from permeabilized human neutrophils (BBA 11831)

by J.E. Smolen and S.J. Stoehr (Ann Arbor, MI, U.S.A.)
889 (1986) 171–178

BBA-GENERAL SUBJECTS

Relationship of turbidity to the stages of platelet aggregation (BBA 22336)

by J.A. Malinski and G.L. Nelsestuen (St. Paul, MN, U.S.A.)
882 (1986) 177–182

The density and free water of cholinergic synaptic vesicles as a function of osmotic pressure (BBA 22360)

by P.E. Giompres and V.P. Whittaker (Göttingen, F.R.G.)
882 (1986) 398–409

Degradation of low-molecular-weight opioid peptides by vascular plasma membrane aminopeptidase M (BBA 22401)

by H.H. Bausback and P.E. Ward (Valhalla, NY, U.S.A.)
882 (1986) 437–444

Accumulations of cyclic AMP and inositol phosphates in guinea pig cerebral cortical synaptoneurosome: enhancement by agents acting at sodium channels (BBA 22404)

by E.B. Hollingsworth, E.B. Sears, R.A. De la Cruz, F. Gusovsky and J.W. Daly (Bethesda, MD, U.S.A.) 883 (1986) 15–25

Membrane-bound 5'-nucleotidase inhibitor in Ehrlich ascites tumour cells and newborn mouse liver (BBA 22512)

by S.C. Amruthesh and C.J.M. D'Souza (Mysore, India)
884 (1986) 48–53

Membrane-associated protein kinases in phorbol ester-activated human polymorphonuclear leukocytes (BBA 22514)

by N.O. Christiansen, C.S. Larsen, H. Juhl and V. Esmann (Aarhus, Denmark) 884 (1986) 54–59

The blood group U antigen is not located on glycophorin B (BBA 22386)

by S.K. Ballas, P.A. Reilly and D.L. Murphy (Philadelphia, PA, U.S.A.) 884 (1986) 337–343

BBA-PROTEIN STRUCTURE & MOLECULAR ENZYMOLOGY

Simultaneous binding of calcium and vanadate to the Ca^{2+} -ATPase of sarcoplasmic reticulum (BBA 32639)

by S. Markus, Z. Priel and D.M. Chipman (Beer Sheva, Israel)
874 (1986) 128–135

Determination of polypeptide chain molecular weights of human and bovine band 3 protein from erythrocyte membranes by low-angle laser light scattering combined with high-performance gel chromatography in the presence of sodium dodecyl sulfate (BBA 32683)

by S. Makino, S. Maezawa, R. Moriyama and T. Takagi (Nagoya, Suita, Osaka, Japan) 874 (1986) 216–219

Characterization of the α -cyanocinnamate binding site in rat heart mitochondria and in submitochondrial particles (BBA 42032)

by G. Paradies and F.M. Ruggiero (Bari, Italy)

850 (1986) 249–255

Motions and structures of chromatophore of a photosynthetic bacterium (*Chromatium vinosum*) as revealed from carbon-13 and phosphorus-31 NMR (BBA 42041)

by T. Nozawa, M. Ohta, M. Hatano, H. Hayashi, M. Tasumi and K. Shimada (Sendai and Tokyo, Japan)

850 (1986) 352–358

Rhodamine 123 as a probe of transmembrane potential in isolated rat-liver mitochondria: spectral and metabolic properties (BBA 42039)

by R.K. Emaus, R. Grunwald and J.J. Lemasters (Chapel Hill, NC, U.S.A.)

850 (1986) 436–448

The influence of age on the calcium-efflux pathway and matrix calcium buffering power in brain mitochondria (BBA 42102)

by J. Vitórica and J. Satriústegui (Madrid, Spain)

851 (1986) 209–216

Studies on the cytochrome b_6/f complex. II. Localization of the complex in the thylakoid membranes from spinach and *Chlamydomonas reinhardtii* by immunocytochemistry and freeze-fracture analysis of b_6/f mutants (BBA 42095)

by J. Olive, O. Vallon, F.-A. Wollman, M. Recouvreur and P. Bennoun (Paris, France)

851 (1986) 239–248

Efficient reconstitution of mitochondrial energy-transfer reactions from depleted membranes and F_1 -ATPase as a function of the amount of bound oligomycin sensitivity-conferring protein (OSCP) (BBA 42136)

by F. Penin, G. Deléage, C. Godinot and D.C. Gautheron (Vil-leurbanne, France)

852 (1986) 55–67

Neutral red as an indicator of pH transients in the lumen of thylakoids – some answers to criticism (BBA 42145)

by W. Junge, G. Schönknecht and V. Förster (Osnabrück, F.R.G.)

852 (1986) 93–99

The effects of calcitonin on calcium uptake and respiration in rat-liver mitochondria (BBA 42153)

by M.J. De la Cruz, J. Alemany and A. de Cos (Madrid, Spain)

852 (1986) 169–174

Deactivation of the Photosystem II oxidation (S) states by 2-(3-chloro-4-trifluoromethyl)anilino-3,5-dinitrothiophene (ANT2p) and the putative role of carotenoid (BBA 41941)

by N.K. Packham and R.C. Ford (Newcastle-upon-Tyne, London, U.K.)

852 (1986) 183–190

Organization of intracytoplasmic membranes in a novel thermophilic purple photosynthetic bacterium as revealed by absorption, circular dichroism and emission spectra (BBA 42152)

by T. Nozawa, T. Fukada, M. Hatano and M.T. Madigan (Sendai, Japan and Carbondale, IL, U.S.A.)

852 (1986) 191–197

Effects of tri-*n*-butyltin chloride on energy metabolism, macromolecular synthesis, precursor uptake and cyclic AMP production in isolated rat thymocytes (BBA 42076)

by N.J. Snoeij, P.M. Punt, A.H. Penninks and W. Seinen (Utrecht, The Netherlands)

852 (1986) 234–243

Effects of various inhibitors of oxidative phosphorylation on energy metabolism, macromolecular synthesis and cyclic AMP production in isolated rat thymocytes. A regulating role for the cellular energy state in macromolecular synthesis and cyclic AMP production (BBA 42071)

by N.J. Snoeij, H.J.M. van Rooijen, A.H. Penninks and W. Seinen (Utrecht, The Netherlands)

852 (1986) 244–253

Redox reactions of tonoplast and plasma membranes isolated from soybean hypocotyls by free-flow electrophoresis (BBA 42151)

by R. Barr, A.S. Sandelius, F.L. Crane and D.J. Morré (West Lafayette, IN, U.S.A.)

852 (1986) 254–261

BBA-LIPIDS & LIPID METABOLISM

Lipoproteins and liposomes as in vivo cholesterol vehicles in the rat: preferential use of cholesterol carried by small unilamellar liposomes for the formation of muricholic acids (BBA 52243)

by F. Kuipers, H.H. Spanjer, R. Havinga, G.L. Scherphof and R.J. Vonk (Groningen, The Netherlands)

876 (1986) 559–566

Effect of acetylglycerol ether phosphocholine (platelet-activating factor) and thrombin on acylation of exogenous lysophosphoglycerides in rabbit platelets (BBA 52257)

by G. Piéroni and D.J. Hanahan (San Antonio, TX, U.S.A.)

877 (1986) 61–67

Polyphosphoinositides undergo charge neutralization in the physiological pH range: A ^{31}P -NMR study (BBA 50150)

by P.A. Van Paridon, B. de Kruijff, R. Ouwerkerk and K.W.A. Wirtz (Utrecht, The Netherlands)

877 (1986) 216–219

Assay of phospholipase A_2 activity of synaptic membranes using a phospholipid transfer protein: stimulation by depolarization (BBA 52359)

by A. Baba, H. Onoe, A. Ohta and H. Iwata (Osaka, Japan)

878 (1986) 25–31

Cholesterol-phospholipid vesicle in human bile: an ultrastructural study (BBA 52400)

by G.J. Sömjen, Y. Marikovsky, P. Lelkes and T. Gilat (Tel Aviv and Rehovot, Israel)

879 (1986) 14–21

High-affinity binding site for leukotriene C_4 in human erythrocytes (BBA 52411)

by C. Ghiglieri-Bertez, J.-P. Cristol and C. Bonne (Montpellier, France)

879 (1986) 97–102

BBA-GENE STRUCTURE & EXPRESSION

Plasmid genes increase membrane permeability in *Escherichia coli* (BBA 91585)

by T. Ono, S. Akimoto, K. Ono and Y. Ohnishi (Tokushima, Japan)

867 (1986) 81–88