

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

Nicotinamide methylation and its relation to NAD synthesis in rat liver tissue culture. Biochemical basis for the physiological activities of 1-methylnicotinamide (BBA 21847)

by J. Hoshino, U. Schlüter and H. Kröger (Berlin, Germany)
801 (1984) 250–258

Nicotinamide methylation. Tissue distribution, developmental and neoplastic changes (BBA 21848)

by R. Seifert, J. Hoshino and H. Kröger (BBA 21848)
801 (1984) 259–264

Hydrogen bonding of flavoprotein. II. Effect of hydrogen bonding at hetero atoms of reduced flavin on its reactivity (BBA 21921)

by K. Nishimoto, E. Kai and K. Yagi (Osaka and Gifu, Japan)
802 (1984) 321–325

The significance of the attachment of rat kidney glutaminase to the inner mitochondrial membrane (BBA 21859)

by T. Strzelecki and A.C. Schoolwerth (Hershey, PA, U.S.A.)
801 (1984) 334–341

One- and two-electron reduction of hydroxy-1,4-naphthoquinones and hydroxy-9,10-anthraquinones. The role of internal hydrogen bonding and its bearing on the redox chemistry of the anthracycline antitumour quinones (BBA 21851)

by A. Ashnagar, J.M. Bruce, P.L. Dutton and R.C. Prince (Manchester, U.K. and Philadelphia, PA and Annandale, NJ, U.S.A.)
801 (1984) 351–359

Alterations in ^{32}P -labelled intermediates during flux activation of human platelet glycolysis (BBA 21919)

by J.-W.N. Akkerman, H.A. Driver, C.A. Dangelmaier and H. Holmsen (Philadelphia, PA, U.S.A. and Utrecht, The Netherlands)
802 (1984) 221–228

Transmembrane potential of liver mitochondria from hexachlorobenzene- and iron-treated rats (BBA 21909)

by A. Masini, D. Ceccarelli-Stanzani, T. Trenti and E. Ventura (Modena, Italy)
802 (1984) 253–258

Identification of mitochondrial proteins on two-dimensional electrophoresis gels of extracts of adult *Drosophila melanogaster* (BBA 21918)

by J.E. Fleming, P.S. Melnikoff and K.G. Bensch (Palo Alto and Stanford, CA, U.S.A.)
802 (1984) 340–345

BBA-PROTEIN STRUCTURE & MOLECULAR ENZYMOLOGY

Characterization and reconstitution of a *Pseudomonas ovalis* ferredoxin (BBA 32005)

by D. Ohmori (Chiba, Japan)
790 (1984) 15–21

Effects of pH and detergent on the kinetic and electrochemical properties of the purified cytochrome *d* terminal oxidase complex of *Escherichia coli* (BBA 32015)

by R.M. Lorence, M.J. Miller, A. Borochov, R. Faiman-Weinberg and R.B. Gennis (Urbana, IL, U.S.A.)
790 (1984) 148–153

BBA-LIPIDS & LIPID METABOLISM

Comparison of cumene hydroperoxide- and NADPH/ Fe^{3+} /ADP-induced lipid peroxidation in heart and liver sub-mitochondrial particles. Mechanisms of protection by succinate (BBA 51750)

by L. Cavallini, M. Valente and A. Bindoli (Padua, Italy)
795 (1984) 466–472

Synthesis, composition and location of glycerolipids in photo-autotrophic soybean cell cultures (BBA 51789)

by B.A. Martin, M.E. Horn, J.M. Widholm and R.W. Rinne (Urbana, IL, U.S.A.)
796 (1984) 146–154

BBA-BIOMEMBRANES

K^+/H^+ antiporter functions as a regulator of cytoplasmic pH in a marine bacterium, *Vibrio alginolyticus* (BBA 72245)

by T. Nakamura, H. Tokuda and T. Unemoto (Chiba, Japan)
776 (1984) 330–336

Cell-cycle-specific biosynthesis of the photosynthetic membrane of *Rhodospseudomonas sphaeroides*. Structural implications (BBA 72226)

G.S.L. Yen, B.D. Cain and S. Kaplan (Urbana, IL, U.S.A.)
777 (1984) 41–55

Active transport of glycine and potassium in the photosynthetic bacterium *Chromatium vinosum* (BBA 72253)

by A.D. Cobb and D.B. Knaff (Lubbock, TX, U.S.A.)
777 (1984) 117–122

Time-resolved fluorescence emission spectra of labeled phospholipid vesicles, as observed using multi-frequency phase-modulation fluorometry (BBA 72255)

by J.R. Lakowicz, H. Cherek, G. Laczko and E. Gratton (Baltimore, MD and Urbana, IL, U.S.A.) 777 (1984) 183–193

Energized transport of potassium ions in the absence of valinomycin by cytochrome *c* oxidase-reconstituted vesicles (BBA 72269)

by A.P. Singh and P. Nicholls (St. Catharines, Canada) 777 (1984) 194–200

The absorbance spectrum of the brown holo-membrane and the comparison of *pI* values of bacteriorhodopsin solubilized from purple membrane and from brown holo-membrane (BBA 72306)
by K. Hiraki, T. Hamanaka, T. Mitsui and Y. Kito (Osaka, Japan) 777 (1984) 232–240

Kinetics and pH-dependence of glycine-proton symport in *Saccharomyces cerevisiae* (BBA 72284)

by A. Ballarin-Denti, J.A. den Hollander, D. Sanders, C.W. Slayman and C.L. Slayman (New Haven, CT, U.S.A.) 778 (1984) 1–16

Proton pumping by vesicles reconstituted from two fractions of solubilized rose-cell plasma membrane ATPase (BBA 70190)

by C.W. Imbrie and T.M. Murphy (Davis, CA, U.S.A.) 778 (1984) 229–232

The interaction of adriamycin with cardiolipin in model and rat liver mitochondrial membranes (BBA 72353)

by K. Nicolay, R.J.M. Timmers, E. Spoelstra, R. van der Neut, J.J. Fok, Y.M. Huigen, A.J. Verkleij and B. de Kruijff (Utrecht, The Netherlands) 778 (1984) 359–371