

## 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

Lipid-mediated impairment of normal energy metabolism in the isolated perfused diabetic rat heart studied by phosphorus-31 NMR and chemical extraction (BBA 11270)

by G.M. Pieper, J.M. Salhany, W.J. Murray, S.T. Wu and R.S. Eliot (Omaha, NE, U.S.A.) 803 (1984) 229–240

Studies on the relationship between glycolysis and  $(\text{Na}^+ + \text{K}^+)$ -ATPase in cultured cells (BBA 11331)

by R.S. Balaban and J.P. Bader (Bethesda, MD, U.S.A.) 804 (1984) 419–426

### BBA-PROTEIN STRUCTURE & MOLECULAR ENZYMOLOGY

Reconstitution of chlorophyllase with mixed plant lipids in the presence and absence of  $\text{Mg}^{2+}$ . Influence of single and mixed plant lipids on enzyme stability (BBA 31855)

by J.W.J. Lambers, A.J. Verkleij and W. Terpstra (Utrecht, The Netherlands) 786 (1984) 1–8

The reduction of flavocytochrome  $b_2$  by carboxylate radicals. A pulse radiolysis study (BBA 31887)

by C. Capeillere-Blandin, J. Pucheault and C. Ferradini (Gif-sur-Yvette and Paris, France) 786 (1984) 67–78

Wavelength-resolved fluorescence decay and fluorescence quantum yield of large phytochrome from oat shoots (BBA 31869)

by J. Wendler, A.R. Holzwarth, S.E. Braslavsky and K. Schaffner (Mulheim a.d. Ruhr, F.R.G.) 786 (1984) 213–221

Temperature effects on optical absorption and circular dichroism of cytochrome  $P-450_{\text{occ}}$  from bovine adrenocortical mitochondria (BBA 31889)

by H. Hasumi, F. Yamakura, S. Nakamura, K. Suzuki and T. Kimura (Kanagawa and Chiba, Japan, and Detroit, MI, U.S.A.) 787 (1984) 153–157

Distortion of the activator metal coordination during the turnover of cobalt-activated ribulosebiphosphate carboxylase/oxygenase (BBA 31967)

by T. Nilsson, R. Brändén and S. Styring (Gothenburg, Sweden) 788 (1984) 274–280

Chemical simulation of rubredoxin by iron(II)/tetrapeptide complexes in aqueous Triton X-100 micelle solution (BBA 31953)

by M. Nakata, N. Ueyama, M.-A. Fuji, A. Nakamura, K. Wada and H. Matsubara (Osaka, Japan) 788 (1984) 306–312

Inactivation of the hydrogenase from the hydrogen-oxidizing bacterium *Alcaligenes eutrophus* Z-1 under the action of urea and limited proteolysis (BBA 31979)

by V.O. Popov, I.B. Utkin, I.G. Gazaryan, A.N. Ovchinnikov, A.M. Egorov and I.V. Berezin (Moscow, U.S.S.R.) 789 (1984) 210–215

### BBA-LIPIDS & LIPID METABOLISM

Increase in mitochondrial content of long-chain acyl-CoA in brown adipose tissue during cold-acclimation (BBA 51671)

by P.T. Normann and T. Flatmark (Bergen, Norway) 794 (1984) 225–233

Fatty acid oxidation in human and rat heart. Comparison of cell-free and cellular systems (BBA 51701)

by J.F.C. Glatz, A.E.M. Jacobs and J.H. Veerkamp (Nijmegen, The Netherlands) 794 (1984) 454–465

### BBA-BIOMEMBRANES

Purification of squid rhodopsin and reassembly into lipid bilayers (BBA 72042)

by C.A. Vandenberg and M. Montal (La Jolla, CA, U.S.A.) 771 (1984) 74–81

2-[8- $^{14}\text{C}$ ]Naphthyl 2-diazo-3,3,3-trifluoropropionate, a new carbene generating reagent for probing hydrophobic membrane domains (BBA 70150)

by H. Meister and R. Bachofen (Zurich, Switzerland) 771 (1984) 103–106

Effects of ethanol and other alkanols on passive proton influx in the yeast *Saccharomyces cerevisiae* (BBA 72152)

by C. Leão and B. Van Uden (Oeiras, Portugal) 774 (1984) 43–48

Two-dimensional gel electrophoresis of membrane proteins using anionic and cationic detergents. Application to the study

of mitochondrial  $F_0$ - $F_1$ -ATPase (BBA 72235)

by F. Penin, C. Godinot and D.C. Gautheron (Villeurbanne, France) 775 (1984) 239–245

quenching and energy transfer (BBA 72219)

by R.C. Chatelier, P.J. Rogers, K.P. Chigginio and W.H. Sawyer (Melbourne, Australia) 776 (1984) 75– 82

The transverse location of tryptophan residues in the purple membrane of *Halobacterium halobium* studied by fluorescence