

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

Ion activity decrease in the presence of sucrose (BBA 29631)
by L. Vassilev and G. Russev (Sofia, Bulgaria)
. 675 (1981) 214–216

BBA-PROTEIN STRUCTURE

Kinetic and equilibrium studies of alkaline isomerization of
vertebrate cytochromes *c* (BBA 38678)
by S. Saigo (Tochigi, Japan) 669 (1981) 13–20

Immunological and chemical characterization of rat liver
cytochrome *c* oxidase (BBA 38709)
by P. Merle, J. Jarausch, M. Trapp, R. Scherka and B. Kaden-
bach (Marburg, F.R.G.) 669 (1981) 222–230

Amphitrite ornata erythrocytorin. II. Molecular controls of
function (BBA 38721)
by E. Chiancone, G. Ferruzzi, C. Bonaventura and J. Bona-
ventura (Rome, Italy, and Beaufort, NC, U.S.A.)
. 670 (1981) 84–92

The three-iron cluster in a ferredoxin from *Desulphovibrio*
gigas. A low-temperature magnetic circular dichroism study
(BBA 38714)
by A.J. Thomson, A.E. Robinson, M.K. Johnson, J.J.G.
Moura, I. Moura, A.V. Xavier and J. LeGall (Norwich, U.K.,
Lisbon, Portugal, Navarre, MN, and Athens, GA, U.S.A.) . . .
. 670 (1981) 93–100

Amino acid sequence determination of the ADP,ATP carrier
from beef heart mitochondria. The sequence of the C-termi-
nal acidolytic fragment (BBA 38729)
by W. Babel, E. Wachter, H. Aquila and M. Klingenberg
(Munich, F.R.G.) 670 (1981) 176–180

Transglutaminase-catalysed incorporation of putrescine into
denatured cytochrome *c*. Preparation of a mono-substituted
derivative reactive with cytochrome *c* oxidase (BBA 38737)
by S.J. Butler and M. Landon (Nottingham, U.K.)
. 670 (1981) 214–221

Resonance Raman spectra of bovine adrenal cytochrome
P-450_{SCC} (BBA 38745)

by T. Shimizu, T. Kitagawa, F. Mitani, T. Iizuka and Y.
Ishimura (Tokyo and Osaka, Japan) . . 670 (1981) 236–242

Multiple forms of the large subunit of wheat ribulose bisphos-
phate carboxylase generated by excess iodoacetamide (BBA
38759)

by P.B.H. O'Connell and C.J. Brady (North Ryde, Australia)
. 670 (1981) 355–361

Protein rotation, enzyme activity and photooxidation of SH
groups in sarcoplasmic reticulum Ca²⁺-ATPase (BBA 38763)

by C.J. Restall, J.L.R. Arrondo, D.A. Elliot, A. Jaśkowska,
W.V. Weber and D. Chapman (London, U.K.)
. 670 (1981) 433–440

BBA-LIPIDS AND LIPID METABOLISM

The effect of fasting on the activity of liver carnitine pal-
mitoyltransferase and its inhibition by malonyl-CoA (BBA
51318)

by J. Bremer (Oslo, Norway) 665 (1981) 628–631

Salicylic acid stimulation of palmitic acid oxidation by rat
skeletal muscle mitochondria (BBA 57900)

by R.E. Jones, E.W. Askew, A.L. Hecker and F.D. Hofeldt
(Aurora, CO and San Francisco, CA, U.S.A.)
. 666 (1981) 120–126

BBA-ENZYMOLGY

The effect of electron carriers and other ligands on oxygen
stability of clostridial hydrogenase (BBA 69287)

by S.M. Khan, A.M. Klibanov, N.O. Kaplan and M.D. Kamen
(Cambridge, MA and La Jolla, CA, U.S.A.)
. 659 (1981) 457–465

Induction of mitochondrial phosphoenolpyruvate carboxy-
kinase in the liver of *Rana catesbeiana* tadpole treated with
3,5,3'-triiodothyronine and undergoing natural metamor-
phosis (BBA 69369)

- by Y. Ohki, Y. Goto and R. Shukuya (Tokyo, Japan)
 661 (1981) 230–234

BBA-BIOMEMBRANES

- Structural and functional lability induced by diethyl ether on the sarcoplasmic reticulum membrane (BBA 79255)
 by P. Kidd, D. Scales and G. Inesi (San Francisco, CA, U.S.A.) 645 (1981) 124–131

- Specific requirement for inorganic phosphate for induction of bilayer membrane conductance by the cationic uncoupler carbocyanine dye (BBA 71535)
 by H. Terada, H. Nagamune, Y. Osaki and K. Yoshikawa (Tokushima, Japan) 646 (1981) 488–490

- The effect of cytochrome oxidase on lipid chain dynamics. A nanosecond fluorescence depolarization study (BBA 79364)
 by K. Kinoshita, Jr., S. Kawato, A. Ikegami, S. Yoshida and Y. Oori (Saitama, Osaka and Kyoto, Japan)
 647 (1981) 7–17

- Phase transitions of the purple membrane and the brown holo-membrane. X-ray diffraction, circular dichroism spectrum and absorption spectrum studies (BBA 79368)
 by K. Hiraki, T. Hamanaka, T. Mitsui and Y. Kito (Osaka, Japan) 647 (1981) 18–28

- Preparation of sarcoplasmic reticulum with high calcium-sensitive ATPase and stable calcium transport function from rat skeletal muscle (BBA 79409)
 by R.L. Boland, E. Ritz and W. Hasselbach (Heidelberg, F.R.G.) 647 (1981) 227–231

- Effect of long chain unsaturated fatty acids on the calcium transport of sarcoplasmic reticulum (BBA 79438)
 by A.M. Cheah (Bristol, U.K.) 648 (1981) 113–119

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- Synthesis of a chloroplast membrane polypeptide on thylakoid-bound ribosomes during the cell cycle of *Chlamydomonas reinhardtii* 137⁺ (BBA 99909)
 by D. Herrin, A. Michaels and E. Hickey (Tampa, FL, U.S.A.) 655 (1981) 136–145