

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

A protective effect of insulin on reperfusing the ischaemic rat heart shown using ^{31}P -NMR (BBA 11164)
by A.-M.L. Seymour, I.A. Bailey and G.K. Radda (Oxford, U.K.)
762 (1983) 525–530

Intracellular compartmentation detected by ^{31}P -NMR in intact photosynthetic wheat-leaf tissue (BBA 11215)
by J.C. Waterton, I.G. Bridges and M.P. Irving (Runcorn, U.K.)
763 (1983) 315–320

BBA-GENERAL SUBJECTS

Polyamines stimulate the binding of hexokinase type II to mitochondria (BBA 21505)
by M. Kurokawa, K. Yokoyama and S. Ishibashi (Hiroshima, Japan)
759 (1983) 92–98

The role of ATP/ADP ratio in the control of hepatic gluconeogenesis during the early neonatal period (BBA 21534)
by J.M. Cuezva, E. Fernández, C. Valcarce, J.M. Medina (Madrid and Salamanca, Spain)
759 (1983) 292–295

Use of deuterium labelling from deuterium oxide to demonstrate carotenoid transformations in photosynthetic bacteria (BBA 21545)
by N.J. Patel, G. Britton and T.W. Goodwin (Liverpool, U.K.)
760 (1983) 92–96

PROTEIN STRUCTURE & MOLECULAR ENZYMOLOGY

Isolation and properties of the NAD(P)H-cytochrome *c* reductase subunit of *Chlamydomonas reinhardtii* (NAD(P)H-nitrate reductase (BBA 31604)
by E. Fernández and J. Cárdenas (Seville and Cordoba, Spain)
745 (1983) 12–19

Purification and properties of the membrane-bound hydrogenase from N_2 -fixing *Alcaligenes latus* (BBA 31625)
by M. Pinkwart, K. Schneider and H.G. Schlegel (Gottingen, F.R.G.)
745 (1983) 267–278

The primary structure of a light-harvesting bacteriochlorophyll-binding protein of Wild-type *Rhodospirillum rubrum* (BBA 31644)

by G.E. Gogel, P.S. Parkes, P.A. Loach, R.A. Brunisholz and H. Zuber (Evanston, IL, U.S.A., and Zurich, Switzerland)
746 (1983) 32–39

Sulphate ion-induced slow transformation of succinate dehydrogenase (BBA 30049)
by A.B. Kotlyar and A.D. Vinogradov (Moscow, U.S.S.R.)
747 (1983) 189–192

Two hydrogenases with distinct electron-carrier specificity and subunit composition in *Methanobacterium formicium* (BBA 31715)
by S.-L.C. Jin, D.K. Blanchard and J.-S. Chen (Blacksburg, VA, U.S.A.)
748 (1983) 8–20

Oxidation state dependence of proton exchange near the iron-sulfur centers in ferredoxins and high-potential iron-sulfur proteins (BBA 31716)
by N.R. Orme-Johnson, W.B. Mims, W.H. Orme-Johnson, R.G. Bartsch, M.A. Cusanovich and J. Peisach (Boston, MA, Murray Hill, NJ, Cambridge, MA, La Jolla, CA, Tucson, AZ, and Bronx, NY, U.S.A.)
748 (1983) 68–72

Purification, molecular properties and localization in the membrane of the hydrogenase *Rhodopseudomonas capsulata* (BBA 31717)
by A. Colbeau, J. Chabert and P. Vignais (Grenoble, France)
748 (1983) 116–127

The membrane-bound hydrogenase of *Rhodopseudomonas capsulata* is inducible and contains nickel (BBA 31720)
by A. Colbeau and P.M. Vignais (Grenoble, France)
748 (1983) 128–138

Resonance Raman spectroscopic characterization of the nickel cofactor, F_{430} , from methanogenic bacteria (BBA 31718)
by A.K. Shiemke, L.D. Eirich and T.M. Loehr (Beaverton and Portland, OR, U.S.A.)
748 (1983) 143–147

BBA-LIPIDS & LIPID METABOLISM

The final step of aldosterone biosynthesis requires reducing power. It is not a dehydrogenation (BBA 51400)
by B. Aupetit, C. Accarie, N. Emeric, V. Vonarx and J.-C. Legrand (Paris, France)
752 (1983) 73–78

BBA-BIOMEMBRANES

Compartmentation of calcium in digitonin-disrupted guinea pig pancreatic acinar cells (BBA 71675)

by M. Lucas, A. Galván, S. Lolano and R. Goberna (Seville, Spain) 731 (1983) 129–136

Kinetics of Lucifer yellow CH efflux in giant mitochondria (BBA 71689)

by C.L. Bowman and H. Tedeschi (Albany, NY, U.S.A.) 731 (1983) 261–266

Chlorpromazine induces membranes potential depolarization and ATP loss, and inhibits microsomal ATPase in soybean (*Glycine max* L.) roots (BBA 71697)

by R.R. Lew and R.M. Spanswick (Ithaca, NY, U.S.A.) 731 (1983) 421–427

Isoelectric points of membrane surfaces of three spinach chloroplast classes determined by cross-partition (BBA 71717)

by H. Westrin, V.P. Shanbhag and P.-Å. Albertsson (Umeå and Lund, Sweden) 732 (1983) 83–91

Fatty acid-membrane interactions in isolated cardiac mitochondria and erythrocytes (BBA 71746)

by H.M. Piper, O. Sezer, P. Schwartz, J.F. Hütter and P.G. Spieckermann (Göttingen, F.R.G.) 732 (1983) 193–203

Involvement of ATP in activation and inactivation sequence of phosphodiesterase in frog rod outer segments (BBA 71750)

by S. Kawamura (Madison, WI, U.S.A.) 732 (1983) 276–281

The application of a potential-sensitive cyanine dye to rat small intestinal brush border membrane vesicles (BBA 70101)

by B. Stieger, G. Burckhardt and H. Murer (Zürich, Switzerland and Frankfurt am Main, F.R.G.) 732 (1983) 324–326

Changes in freeze-fractured mitochondrial membranes correlated to their energetic state. Dynamic interactions of the boundary membranes (BBA 71790)

by G. Knoll and D. Brdiczka (Constance, F.R.G.) 733 (1983) 102–110

Interaction of *Escherichia coli* F₁-ATPase with dicyclohexyl-carbodiimide-binding polypeptide (BBA 71800)

by T.W. Loo, H. Stan-Lotter, D. MacKenzie, R.S. Molday and P.D. Bragg (Vancouver, Canada) 733 (1983) 274–282

Oxidation of reactive sulfhydryl groups of sarcoplasmic reticulum ATPase (BBA 71823)

by M. Ariki and E.A. Shamoo (Baltimore, MD, U.S.A.) 734 (1983) 83–90

The Ca²⁺ permeability of sarcoplasmic reticulum vesicles. I. Ca²⁺ outflow in the non-energized state of the calcium pump (BBA 71834)

by U. Gerdes, A.M. Nakhla and J.V. Møller (Aarhus, Denmark) 734 (1983) 180–190

The Ca²⁺ permeability of sarcoplasmic reticulum vesicles. II. Ca²⁺ efflux in the energized state of the calcium pump (BBA 71835)

by U. Gerdes and J.V. Møller (Aarhus, Denmark) 734 (1983) 191–200