

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

Regulation of cardiac cyclic GMP-dependent protein kinase (BBA 29681)

by T.M. Lincoln and S.L. Keely (Columbia, SC and Nashville, TN, U.S.A.) 676 (1981) 230–243

The effect of nutritional status and of glucocorticoid treatment on the protein kinase isozyme pattern of liver parenchymal cells (BBA 29694)

by J.K. McClung and R.F. Kletzien (Morgantown, WV, U.S.A.) 676 (1981) 300–306

Porphyrogenic effects and induction of heme oxygenase in vivo by δ -aminolevulinic acid (BBA 29651)

by K.E. Anderson, G.S. Drummond, U. Freddara, M.K. Sardana and S. Sassa (New York, NY, U.S.A.) 676 (1981) 289–299

Enzymatic composition of mitogen-induced lymphoblasts and untreated lymphocytes fractionated by rate-zonal centrifugation (BBA 29702)

by E.H. Harrison, V. Zbuzek, J.H. LaBadie and W.E. Bowers (New York, NY, U.S.A.) 676 (1981) 321–328

Regulation of glycogen synthase activity in the isolated mouse soleus muscle. Effect of insulin, epinephrine, glucose and anti-insulin receptor antibodies (BBA 29697)

by Y. Le Marchand-Brustel and P. Freychet (Nice, France) 677 (1981) 13–22

Theophylline reduces poly(ADP-ribose) synthetase from chick embryo liver nuclei (BBA 29728)

by A. Kitamura, Y. Tanigawa, S. Okamoto, Y. Miyake and M. Shimoyama (Izumo, Japan) 677 (1981) 63–68

Isolation and partial characterization of the oligosaccharide moieties of rat preputial β -glucuronidase (BBA 29696)

by J.C. Byrd and O. Touster (Nashville, TN, U.S.A.) 677 (1981) 69–78

Regulation by human chorionic gonadotropin of protein kinases in rabbit endometrium (BBA 29717)

by K. Miyazaki, K. Matsui, M. Maeyama and E. Miyamoto (Kumamoto, Japan) 677 (1981) 120–125

Effect of inducers of drug-metabolizing enzymes on glutathione reductase and glutathione peroxidase in rat liver (BBA 29686)

by I. Carlberg, J.W. DePierre and B. Mannervik (Stockholm, Sweden) 677 (1981) 140–145

Purification and immunological studies of glutathione reductase from rat liver. Evidence for an antigenic determinant at the nucleotide-binding domain of the enzyme (BBA 29687)

by I. Carlberg, B. Altmejd and B. Mannervik (Stockholm, Sweden) 677 (1981) 146–152

BBA-PROTEIN STRUCTURE

Amphitrite ornata erythrocyte. II. Molecular controls of function (BBA 38721)

by E. Chiancone, G. Ferruzzi, C. Bonaventura and J. Bonaventura (Rome, Italy, and Beaufort, NC, U.S.A.) 670 (1981) 84–92

Electron paramagnetic resonance studies of *Pseudomonas* cytochrome *c* peroxidase (BBA 38728)

by R. Aasa, N. Ellfolk, M. Rönnerberg and T. Vänngård (Gothenburg, Sweden and Helsinki, Finland) 670 (1981) 170–175

Direct renaturation of the dodecyl sulfate complexes of proteins with Triton X-100 (BBA 38739)

by S. Clarke (Los Angeles, CA, U.S.A.) 670 (1981) 195–202

A comparison of the actions of trypsin and pepsin on porcine immunoglobulin M and their effects on biological activity (BBA 38740)

by D. Beale and J.K. Fazakerley (Babraham, U.K.) 670 (1981) 230–235

Cell adhesion-dependent differences in endogenous protein phosphorylation on the surface of various cell lines (BBA 38748)

by J. Pfeifle, W. Hagmann and F.A. Anderer (Tübingen, F.R.G.) 670 (1981) 274–284

EPR of hydroxylamine oxidoreductase from *Nitrosomonas europaea* (BBA 31333)

by L.E. Vickery and A.B. Hooper (Irvine, CA and St. Paul, MN, U.S.A.) 670 (1981) 291–293

Phosphorescence of alkaline phosphatase of *E. coli* in vitro and in situ (BBA 31334)

by T. Hori and J.M. Vanderkooi (Philadelphia, PA, U.S.A.) 670 (1981) 294–297

BBA-BIOENERGETICS

Studies of the function of the membrane-bound iron-sulfur centers of the photosynthetic bacterium *Chromatium vinosum* (BBA 48089)

by R. Malkin, R.K. Chain, S. Kraichoke and D.B. Knaff (Berkeley, CA and Lubbock, TX, U.S.A.) 637 (1981) 88–95

Oxidation of sulphide by cytochrome *aa*₃ (BBA 48119)

by P. Nicholls and J.-K. Kim (St. Catharines, Canada) 637 (1981) 312–320

Control of CO₂ fixation. Changes in the activity of ribulose-phosphate kinase, and fructose- and sedoheptulose-bisphosphatase in chloroplasts (BBA 48122)

by W.A. Laing, M. Stitt and H.W. Heldt (Göttingen, F.R.G.) 637 (1981) 348–359

Inhibition of cytochrome *c* oxidase function by dicyclohexyl-carbodiimide (BBA 48123)

by L.J. Prochaska, R. Bisson, R.A. Capaldi, G.C.M. Steffens and G. Buse (Eugene, OR, U.S.A. and Aachen, F.R.G.) 637 (1981) 360–373

Isolation and purification of the cytochrome oxidase of *Azobacter vinelandii* (BBA 48127)

by P. Jurtshuk, Jr., T.J. Mueller and T.Y. Wong (Houston, TX, U.S.A.) 637 (1981) 374–382

The participation of primary amino groups of succinate dehydrogenase in the formation of succinate-Q reductase (BBA 41347)

by L. Yu and C.A. Yu (Albany, NY, U.S.A.) 637 (1981) 383–386

Regulation of phospholipid-ATPase complex interaction by the adenine nucleotide carrier (BBA 48130)

by F. Dabbeni-Sala, A. Pitotti and A. Bruni (Padua, Italy) 637 (1981) 400–407

Hydrogen evolution by co-immobilized chloroplasts and *Clostridium butyricum* (BBA 48142)

by I. Karube, T. Matsunaga, T. Otsuka, H. Kayano and S. Suzuki (Yokohama, Japan) 637 (1981) 490–495

Hydrogen exchange into soluble spinach chloroplast coupling factor during heat activation of its ATPase (BBA 48137)

by A. Viale, R. Vallejos and A.T. Jagendorf (Rosario, Argentina and Ithaca, NY, U.S.A.) 637 (1981) 496–503

Influence of monovalent cations on the Ca²⁺-ATPase of sarcoplasmic reticulum isolated from rabbit skeletal and dog

cardiac muscles. An interpretation of transient-state kinetic data (BBA 48144)

by T. Wang, A.O. Grassi de Gende, L.-I. Tsai and A. Schwartz (Cincinnati, OH, U.S.A.) 637 (1981) 523–529

The triphasic reduction of cytochrome *b* in the succinate-cytochrome *c* reductase (BBA 41348)

by Y.-Z. Jin, H.-L. Tang, S.-L. Li and C.-L. Tsou (Beijing and Shanghai, China) 637 (1981) 551–554

BBA-LIPIDS AND LIPID METABOLISM

Pulmonary phosphatidic acid phosphohydrolase. Developmental patterns in rat lung (BBA 57848)

by P.G. Casola and F. Possmayer (London, Canada) 665 (1981) 177–185

Pulmonary phosphatidic acid phosphohydrolase. Developmental patterns in rabbit lung (BBA 57849)

by P.G. Casola and F. Possmayer (London, Canada) 665 (1981) 186–194

Studies of diacylglycerol cholinephosphotransferase and diacylglycerol ethanolaminephosphotransferase activities in *Tetrahymena* microsomes (BBA 57846)

by Y. Kameyama, S. Yoshioka, I. Hasegawa and Y. Nozawa (Gifu, Japan) 665 (1981) 195–204

Importance of the N-terminal sequence in porcine pancreatic colipase (BBA 57861)

by C. Erlanson-Albertsson and A. Larsson (Lund, Sweden) 665 (1981) 250–255

Bile salt induction of 7 α - and 7 β -hydroxysteroid dehydrogenases in *Clostridium absonum* (BBA 57852)

by I.A. MacDonald and P.D. Roach (Halifax, Canada) 665 (1981) 262–269

Stabilization of liver lipase in vitro by heparin or by binding to non-parenchymal liver cells (BBA 57858)

by K. Schoonderwoerd, W.C. Hülsman and H. Jansen (Rotterdam, The Netherlands) 665 (1981) 317–321

Purification and properties of rabbit liver acid lipase (4-methylumbelliferyl oleate hydrolase) (BBA 57863)

by T. Imanaka, K. Muto, S. Ohkuma and T. Takano (Kagawa, Japan) 665 (1981) 322–330

Specificity of lipoprotein lipase and hepatic lipase toward monoacylglycerols varying in the acyl composition (BBA 57876)

by C.H. Miller, J.W. Parce, P. Sisson and M. Waite (Winston-Salem, NC, U.S.A.) 665 (1981) 385–392

Characterization of phosphatidylserine synthase from *Saccharomyces cerevisiae* and a mutant defective in the enzyme (BBA 57874)

- by J.-I. Nikawa and S. Yamashita (Maebashi, Japan)
 665 (1981) 420-426

Purification of thromboxane synthetase and evidence of two distinct mechanisms for the formation of 12-L-hydroxy-5,8,10-heptadecatrienoic acid by porcine lung microsomes (BBA 57867)

- by E.R. Hall and H.-H. Tai (Fort Worth, TX, U.S.A.)
 665 (1981) 498-503

Phospholipase A₂ activity of lysosomal origin secreted by polymorphonuclear leucocytes during phagocytosis or on treatment with calcium (BBA 57884)

- by J.R. Traynor and K.S. Authi (Loughborough, U.K.)
 665 (1981) 571-577

Diethylstilbestrol treatment modulates the enzymatic activities of phosphatidylcholine biosynthesis in rooster liver (BBA 57857)

- by C. Vigo, H.B. Paddon, F.C. Millard, P.H. Pritchard and D.E. Vance (Vancouver, Canada) 665 (1981) 546-550

Identification of a unique mammalian species of choyl-CoA : amino acid *N*-acyltransferase (BBA 51314)

- by B. Czuba and D.A. Vessey (San Francisco, CA, U.S.A.)
 665 (1981) 612-614

Age-dependent modifications of lipogenic enzymes (BBA 51320)

- by N. Iritani, H. Fukuda and E. Fukuda (Osaka, Japan)
 665 (1981) 636-639

BBA-BIOMEMBRANES

Detergent-induced proteolysis of rabbit intestinal brush border vesicles (BBA 79355)

- by N. Gains and H. Hauser (Zürich, Switzerland)
 646 (1981) 211-217

An immunological analysis of the effects of bromelain on the mouse erythrocyte membrane (BBA 79356)

- by D.A. Cunliffe and K.O. Cox (Bedford Park, Australia)
 646 (1981) 275-282

L-Sorbose phosphorylation in *Escherichia coli* K-12 (BBA 71532)

- by A.C. Slater, M.C. Jones-Mortimer and H.L. Kornberg (Cambridge, U.K.) 646 (1981) 365-367

Studies on gastric Ca²⁺-stimulated adenosine triphosphatase. I. Characterization and general properties (BBA 79369)

- by J. Nandi, T.K. Ray and P.C. Sen (Syracuse, NY, U.S.A.)
 646 (1981) 457-464

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

Overproduction of the *Eco*RII endonuclease and methylase by *Escherichia coli* strains carrying recombinant plasmids constructed in vitro (BBA 99906)

- by V.G. Kosykh, A.S. Solonin, Ya. I. Buryanov and A.A. Bayer (Pushchino, U.S.S.R.) 655 (1980) 102-106

Differential reactivities at restriction enzyme sites (BBA 99915)

- by A.D.B. Malcolm and J.R. Moffatt (London, U.K.)
 655 (1981) 128-135

Template-binding site of AMV reverse transcriptase and inactivation of the enzyme by *N*-ethylmaleimide (BBA 99916)

- by V.K. Parnaik and M.R. Das (Hyderabad, India)
 655 (1981) 181-188

Heterogeneity of neutral ribonuclease II and ribonuclease II-inhibitor complex from mouse skeletal muscle (BBA 99925)

- by B.W. Little and L.S. Whittingham (Burlington, VT, U.S.A.) 655 (1981) 251-255