

TITLES OF RELATED PAPERS IN OTHER SECTIONS

The following papers that 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

- The effect of ammonium nitrate on the synthesis of nitrogenase and the concentration of leghemoglobin in pea root nodules induced by *Rhizobium leguminosarum* (BBA 28430)
by T. Bisseling, R.C. van den Bos and A. van Kammen (Wageningen, The Netherlands) 539 (1978) 1— 11
- The effect of phenobarbitone on cytoplasmic NADP-linked dehydrogenase activities in rat liver (BBA 28437)
by S. Shah and D.J. Pearson (Nairobi, Kenya) 539 (1978) 12— 18
- Enzymatic sulfation of steroids. III. The sulfation of corticosterone by the glucocorticoid sulfotransferases of rat liver cytosol (BBA 28438)
by S.S. Singer (Dayton, Ohio, U.S.A.) 539 (1978) 19— 30
- I-cell disease. Desialylation of β -hexosaminidase and its effect on uptake by fibroblasts (BBA 28436)
by G.D. Vladutiu and M.C. Rattazzi (Buffalo, N.Y., U.S.A.) 539 (1978) 31— 36
- The adenylate cyclase system of planaria *Polycelis tenuis*. Activation by serotonin and guanine nucleotides (BBA 28434)
by R. Franquinet, A. Le Moigne and J. Hanoune (Créteil, France) 539 (1978) 88— 97
- Transient and long-term differential modulations of branched-chain α -keto acid decarboxylase activity in hypophysectomized rats (BBA 28439)
by S.G. Sullivan, J. Dancis and R.P. Cox (New York, N.Y., U.S.A.) 539 (1978) 135—141
- Corticotropin-induced changes in a soluble desmolase preparation (BBA 28442)
by R.V. Farese and W.J. Prudente (Tampa, Fla., U.S.A.) 539 (1978) 142—161
- Hormonal effects on fat cell adenosine 3',5'-monophosphate-dependent protein kinase (BBA 28447)
by J.J. Guinovart, J.C. Lawrence, Jr. and J. Larner (Charlottesville, Va., U.S.A.) 539 (1978) 181—194
- Subcellular alterations in cyclic AMP-binding and protein kinase activities during ontogeny in the rat cerebellum (BBA 28455)
by G.E. Shambaugh III, M. Hunzicker-Dunn, A.B. DeAngelo and R.A. Jungmann (Chicago, Ill., U.S.A.) 539 (1978) 294—304
- Functional relationship between bovine brain phosphodiesterase activator protein and bovine heart troponin C (BBA 28469)
by R. Kobayashi and J.B. Field (Pittsburgh, Pa., U.S.A.) 539 (1978) 411—419
- Multiple forms of cytosol and membrane-bound protein kinase activity in human erythrocytes (BBA 28479)
by G. Clari, E. Michielin and V. Moret (Padua, Italy) 539 (1978) 420—426
- Phylogenetic distribution of epoxide hydratase in different vertebrate

species, strains and tissues measured using three substrates (BBA 28480)

by C.H. Walker, P. Bentley and F. Oesch (Mainz, G.F.R.) 539 (1978) 427-434

BBA-PROTEIN STRUCTURE

Conformation of a stable intermediate on the folding pathway of *Staphylococcus aureus* penicillinase (BBA 37874)

by E.A. Carrey and R.H. Pain (Newcastle upon Tyne, U.K.) 533 (1978) 12- 22

Influence of phosphate ligands in abolishing the conformational differences between ribonuclease A and its acid-denatured derivative (BBA 37876)

by M.K. Das and P.J. Vithayathil (Bangalore, India) 533 (1978) 43- 50

Binding of 4-methylumbelliferyl β -D-ribofuranoside to β -D-xylosidase from *Bacillus pumilus* (BBA 37853)

by M. Claeysens and C.K. de Bruyne (Ghent, Belgium) 533 (1978) 98-104

A new reaction scheme for the alkaline isomerization of horseradish peroxidase (BBA 37858)

by H. Kihara, S. Saigo, T. Iizuka and Y. Ishimura (Tochigi and Tokyo, Japan) 533 (1978) 112-119

Association of *Tenebrio molitor* L. α -amylase with two protein inhibitors — one monomeric, one dimeric — from wheat flour. Differential scanning calorimetric comparison of heat stabilities (BBA 37857)

by V. Silano and J.C. Zahnley (Berkeley, Calif., U.S.A.) 533 (1978) 181-185

^1H NMR studies of the binding of EDTA to bovine pancreatic ribonuclease (BBA 37852)

by M. Brauer and F.W. Benz (Madison, Wisc., U.S.A.) 533 (1978) 186-194

Cleavage of native type III collagen in the collagenase susceptible region by thermolysin (BBA 31243)

by H.-M. Wang, J. Chan, D.W. Pettigrew and J. Sodek (Toronto, Canada) 533 (1978) 270-277

BBA-BIOENERGETICS

Characterization of type-I NADH dehydrogenase. Polydispersity, molecular weight and polypeptide composition (BBA 47455)

by G. Dooijewaard, G.J.M. de Bruin, P.J. van Dijk and E.C. Slater (Amsterdam, The Netherlands) 501 (1978) 458-469

Resonance Raman spectra of cytochrome oxidase. Evidence for photoreduction by laser photons in resonance with the Soret band (BBA 47471)

by F. Adar and T. Yonetani (Philadelphia, Pa., U.S.A.) 502 (1978) 80- 86

BBA-LIPIDS AND LIPID METABOLISM

Studies on sphingomyelinase of *Bacillus cereus*. I. Purification and properties (BBA 57126)

by H. Ikezawa, M. Mori, T. Ohyabu and R. Taguchi (Nagoya, Japan) 528 (1978) 247-256

Prostaglandin metabolism in rabbit kidney. Identification and properties of a novel prostaglandin 9-hydroxydehydrogenase (BBA 57134)

by P.K. Moore and J.R.S. Hoult (London, U.K.) 528 (1978) 276-287

A phospholipid serine base exchange enzyme (BBA 57146)

by T. Taki and J.N. Kanfer (Winnipeg, Canada) 528 (1978) 309-317

Phospholipid-deacylating enzymes of rat stomach mucosa (BBA 57143)

- by M.K. Wassef, Y.N. Lin and M.K. Horowitz (Valhalla, N.Y., U.S.A.) 528 (1978) 318—330
- The measurement of phosphatidate phosphohydrolase in human amniotic fluid (BBA 57129)
- by J.E. Bleasdale, C.-S. Davis and B.W. Agranoff (Ann Arbor, Mich., U.S.A.) 528 (1978) 331—343
- Lipoprotein lipase of cultured mesenchymal rat heart cells. I. Synthesis, secretion and releasability by heparin (BBA 57135)
- by T. Chajek, O. Stein and Y. Stein (Jerusalem, Israel) 528 (1978) 456—465
- Lipoprotein lipase of cultured mesenchymal rat heart cells. II. Hydrolysis of labeled very low density lipoprotein triacylglycerol by membrane-supported enzyme (BBA 57136)
- by T. Chajek, O. Stein and Y. Stein (Jerusalem, Israel) 528 (1978) 466—474

BBA-BIOMEMBRANES

- Phospholipid dependence of UDPglucuronyltransferase (BBA 77935)
- by C. Berry, J. Allistone, T. Hallinan (London, U.K.) 507 (1978) 198—206
- Isolation of phospholipase A₂ from sheep erythrocyte membranes in the presence of detergents (BBA 77942)
- by R.M. Kramer, S. Wüthrich, C. Bollier, P.R. Allegrini and P. Zahler (Bern, Switzerland) 507 (1978) 381—394
- Plasma membrane protein kinase activity in normal and Rous sarcoma virus-transformed chick embryo fibroblasts (BBA 77976)
- by P.E. Branton and J. Landry-Magnan (Sherbrooke and Hamilton, Canada) 508 (1978) 246—259
- A calcium-activated polyphosphoinositide phosphodiesterase in the plasma membrane of human and rabbit erythrocytes (BBA 77984)
- by D. Allan and R.H. Michell (Birmingham, U.K.) 508 (1978) 277—286
- Effect of concanavalin A and its succinylated derivative on the oxidative metabolism of guinea pig peritoneal macrophages (BBA 77967)
- by T. Yasaka and T. Kambara (Kumamoto, Japan) 508 (1978) 306—312
- Membrane (Na⁺ + K⁺)-ATPase of canine brain, heart and kidney. Tissue-dependent differences in kinetic properties and the influence of purification procedures (BBA 77973)
- by Y.R. Choi and T. Akera (East Lansing, Mich., U.S.A.) 508 (1978) 313—327
- Phosphate transport in membrane vesicles from *Escherichia coli* (BBA 77978)
- by W.N. Konings and H. Rosenberg (Canberra, Australia) 508 (1978) 370—378

BBA-NUCLEIC ACIDS

- Terminal deoxynucleotidyl transferase from acute lymphoblastic leukemia cells and production of antisera (BBA 99088)
- by F.A. Siddiqui and B.I. Sahai Srivastava (Buffalo, N.Y., U.S.A.) 517 (1978) 150—157
- Effects of inhibitors of *S*-adenosylmethionine decarboxylase and ornithine decarboxylase on DNA synthesis in rat liver after partial hepatectomy (BBA 99084)
- by L. Wiegand and A.E. Pegg (Hershey, Pa., U.S.A.) 527 (1978) 169—180
- Molecular size and fidelity of DNA polymerase α from the regenerating liver of the rat (BBA 99087)
- by J.G. Salisbury, P.J. O'Connor and R. Saffhill (Manchester, U.K.) 517 (1978) 181—185
- Studies of the catalytic properties of an endonuclease isolated from *Tetrahymena pyriformis* (BBA 99108)
- by N. Matsokis and J.G. Georgatsos (Patras, Greece) 517 (1978) 407—418