

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 of the readers of this specialized section:

BBA-GENERAL SUBJECTS

- Metabolic aspects of the secretion of stored compounds from blood platelets. V. Effect of inonphore A23187 on washed platelets (BBA 28069)
by E.H. Mürer, K. Davenport, M.A. Rausch and H.J. Day (Philadelphia, Pa., U.S.A.) 451 (1976) 1— 19
- Subcellular location of adenylate cyclase in rat cardiac muscle (BBA 28057)
by V.H. Engelhard, D.A. Plut and D.R. Storm (Urbana, Ill., U.S.A.) 451 (1976) 48— 61
- Regulation of mitochondrial membrane protein turnover by thyroid hormone(s) (BBA 28066)
by J.G. Satav, S.S. Katyare, P. Fatterpaker and A. Sreenivasan (Bombay, India) 451 (1976) 92— 95
- Subcellular distribution of a gonadotropin-induced form of mouse ovarian alkaline phosphatase (BBA 28082)
by T.A. Bramley (Birmingham, U.K.) 451 (1976) 118—123
- Effect of sodium fluoride on glucose-6-phosphate dehydrogenase activity in the rat uterus (BBA 28080)
by E.R. Smith and K.L. Barker (Omaha, Nebr., U.S.A.) 451 (1976) 223—237
- Thermoplasma acidophilum*: Intracellular pH and potassium concentration (BBA 28076)
by D.G. Searcy (Amherst, Mass., U.S.A.) 451 (1976) 278—286
- Determination, à l'équilibre, des constantes d'association de ligands radioactifs ou non radioactifs par une méthode non graphique (Determination, at equilibrium, of association constants of labelled or unlabelled ligands by a non-graphical method) (BBA 28051)
par G. Goertz, J. Longchamp, O. Crepy, O. Judas et M.-F. Jayle (Paris, France) 451 (1976) 287—304
- The interaction between water and the polar head in inverted phosphatidylcholine micelles. A ^2H and ^{31}P relaxation study (BBA 28058)
by B.M. Fung and J.L. McAdams (Norman, Okla., U.S.A.) 451 (1976) 313—320
- The determination of the stability constant for calcium-EGTA (BBA 21434)
by J.D. Owen (Salt Lake City, Utah, U.S.A.) 451 (1976) 321—325
- Comparative study of mitochondrial and cytosol protein kinase activities (BBA 28097)
by G. Clari, L.A. Pinna and V. Moret (Padua, Italy) 451 (1976) 484—490
- A barley lectin that binds free amino sugars. I. Purification and characterization (BBA 28084)
by J. Partridge, L. Shannon and D. Gumpf (Riverside, Calif., U.S.A.) 451 (1976) 470—483
- The use of a liposomally entrapped enzyme in the treatment of an artificial storage condition (BBA 28099)
by C.M. Colley and B.E. Ryman (London, U.K.) 451 (1976) 417—425
- Structure and toxicity of pure ricinus agglutinin (BBA 28094)
by E. Saltvedt (Oslo, Norway) 451 (1976) 536—548
- The effect of poly(ethyleneglycol) esters on the partition of proteins

- and fragmented membranes in aqueous biphasic systems (BBA 28096)
 by G. Johansson (Umeå, Sweden) 451 (1976) 517–529
- Heterogeneity of chondrocyte mitochondria. A study of the Ca^{2+} concentration and density banding characteristics of normal and rachitic cartilage (BBA 28093)
 by I.M. Shapiro, A. Burke and N.H. Lee (Philadelphia, Pa., U.S.A.) 451 (1976) 583–591
- Fluorimetric determination of the resting potential changes associated with the chemotactic response in *Paramecium* (BBA 28088)
 by M.J. Doughty and G.H. Dodd (Coventry, U.K.) 451 (1976) 592–603
- A comparison of negatively and positively charged liposomes containing entrapped polyinosinic · polycytidylic acid for interferon induction in mice (BBA 28100)
 by W.E. Magee, M.J. Talcott, S.X. Straub and C.Y. Vriend (San Antonio, Texas and Terre Haute, Ind., U.S.A.) 451 (1976) 610–618

BBA-PROTEIN STRUCTURE

- The major “intrinsic” membrane protein of human erythrocytes. Preparative isolation and immunoelectrophoretic analyses (BBA 37450)
 by S. Bhakdi, O.J. Bjerrum and H. Knüfermann (Freiburg, G.F.R. and Copenhagen, Denmark) 446 (1976) 419–431
- Biosynthetic studies with isolated kidney glomeruli (BBA 37463)
 by I. Krisko and W.G. Walker (Baltimore, Md., and Houston, Texas, U.S.A.) 446 (1976) 506–514
- Structure of beef heart mitochondrial F_1 -ATPase. Arrangement of subunits as disclosed by cross-linking reagents and selective labeling by radioactive ligands (BBA 37494)
 by M. Satre, G. Klein and P.V. Vignais (Grenoble, France) 453 (1976) 111–120
- Major glycoproteins solubilized from the teleostean egg membrane by the action of the hatching enzyme (BBA 37500)
 by I. Iuchi and K. Yamagami (Tokyo, Japan) 453 (1976) 240–249
- Changes in membrane proteins of *Escherichia coli* K12 mediated by bacteriophage λ I κ -specific plasmids (BBA 37524)
 by R. Iyer, V. Darby and I.B. Holland (Ottawa, Canada and Leicester, U.K.) 453 (1976) 311–318

BBA-BIOENERGETICS

- Effect of electric field on the absorption spectrum of dye molecules in lipid layers. V. Refined analysis of the field-indicating absorption changes in photosynthetic membranes by comparison with electrochromic measurements in vitro (BBA 47180)
 by M. Bruschi, E.C. Hatchikian, J. Le Gall, J.J.G. Moura and A.V. Xavier (Marseille, France, and Lisbon, Portugal) 449 (1976) 275–284
- A quench-flow investigation of calcium ion accumulation by isolated cardiac sarcoplasmic reticulum. Dependence of initial velocity on free calcium ion concentration and influence of preincubation with a protein kinase, MgATP and cyclic AMP (BBA 47184)
 by H. Will, J. Blanck, G. Smettan and A. Wollenberger (Berlin-Buch, Germany) 449 (1976) 295–303
- Studies on the ferrochelataze activity of isolated rat liver mitochondria with special reference to the effect of oxidizable substrates and oxygen concentration (BBA 47213)
 by M.E. Koller, I. Romslo and T. Flatmark (Bergen, Norway) 449 (1976) 480–490
- Isolation of Photosystem II enriched membrane vesicles from spinach chloroplasts by phase partition (BBA 47206)

- by H.-E. Åkerlund, B. Andersson and P.-Å. Albertsson (Umeå, Sweden) 449 (1976) 525–535

BBA-LIPIDS AND LIPID METABOLISM

- Partial purification and properties of the fatty acid elongation systems in the outer and inner membranes of beef liver mitochondria (BBA 56865)
by L.W. Bond and T.I. Pynadath (Kent, Ohio, U.S.A.) 450 (1976) 8–20
- The manipulation of the fatty acid composition of *Dictyostelium discoideum* and its effect on cell differentiation (BBA 56864)
by G. Weeks (Vancouver, Canada) 450 (1976) 21–32
- Phospholipids of Semliki Forest virus growth in cultured mosquito cells (BBA 56875)
by A. Luukkonen, L. Kääriäinen and O. Renkonen (Heilsinki, Finland) 450 (1976) 109–120
- Properties of microsomal phospholipases in rat liver and hepatoma (BBA 56885)
by R.H. Lumb and K.F. Allen (Cullowhee, N.C., U.S.A.) 450 (1976) 175–184
- Modification of the Ehrlich ascites tumor cell nuclear lipids (BBA 56880)
by A.B. Awad and A.A. Spector (Iowa City, Iowa, U.S.A.) 450 (1976) 239–251
- Biochemical changes in *Bifidobacterium bifidum* var. pennsylvanicus after cell wall inhibition. IX. Metabolism and release of cellular lipids in the presence of antibiotics (BBA 56897)
by J.H. Veerkamp (Nijmegen, The Netherlands) 450 (1976) 277–287
- Phospholipase A₂ activity of the regularly arranged surface protein of *Acinetobacter* sp. 199A (BBA 56891)
by K.J.I. Thorne, R.C. Oliver and M.F. Heath (Cambridge, U.K.) 450 (1976) 335–341
- Hydrolysis of chyle cholesterol esters with cell-free preparations of rat liver (BBA 56889)
by Å. Nilsson (Lund, Sweden) 450 (1976) 379–389
- The subcellular distribution of carotenoids in *Phycomyces blakesleeanus* C115 car-42 mad-107 (–) (BBA 56888)
by G.J.P. Riley and P.M. Bramley (Egham, U.K.) 450 (1976) 429–440

BBA-ENZYMOLGY

- Purification of the reduced nicotinamide adenine dinucleotide dehydrogenase from membranes of *Acholeplasma laidlawii* (BBA 67958)
by D.C. Jinks and L.L. Matz (Buffalo, N.Y., U.S.A.) 452 (1976) 30–41
- Catecholamine-stimulated GTPase activity in turkey erythrocyte membranes (BBA 67968)
by D. Cassel and Z. Selinger (Jerusalem, Israel) 452 (1976) 538–551

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- Characterization of DNA polymerase associated with nuclear membrane fractions from uninfected and adenovirus 2-infected KB cells (BBA 98718)
by K. Ito, M. Arens and M. Green (St. Louis, Mo., U.S.A.) 447 (1976) 340–352