

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

- Iron transport in *Mycobacterium smegmatis*: The role of mycobactin (BBA 26918)
by C. RATLEDGE AND B. J. MARSHALL (Hull) 279 (1972) 58
- Gonadotrophin binding sites of the rat testis (BBA 26920)
by K. J. CATT, T. TSURUHARA AND M. L. DUFAU (Bethesda, Md.) 279 (1972) 194
- Aspirin potentiates the hydrosmotic effect of antidiuretic hormone in toad urinary bladder (BBA 21336)
by M. PARISI AND Z. F. PICCINNI (Buenos Aires) 279 (1972) 209
- Influence of ethacrynic acid and ouabain on the oxygen consumption and potassium and sodium content of the kidney external medulla of the dog (BBA 26921)
by S. WEINSCHELBAUM DE JAIRALA, A. VIEYRA AND M. MAC LOUGHLIN (Rosario)
279 (1972) 320
- The size of rat brain microsome and synaptic vesicles estimated by light scattering (BBA 26943)
by B. FORMBY, AA. HVIDT, S. J. MORRIS AND J. V. LARSEN (Copenhagen) 279 (1972) 407
- Platelet adhesiveness and aggregation. II. Surface sialic acid, glycoprotein: *N*-acetylneuraminic acid transferase, and neuraminidase of human blood platelets (BBA 26962)
by H. B. BOSMANN (Rochester, N.Y.) 279 (1972) 456

BBA-PROTEIN STRUCTURE

- Immunochemical studies of infectious mononucleosis. II. Sodium dodecyl sulphate gel electrophoresis of membrane glycoprotein antigens (BBA 36176)
by M. A. FLETCHER AND B. J. WOOLFOLK (Chicago, Ill.) 278 (1972) 163
- Solubilization of human erythrocyte membrane glycoproteins and separation of the MN glycoprotein from a glycoprotein with I, S and A activity (BBA 36201)
by H. HAMAGUCHI AND H. CLEVE (New York, N.Y.) 278 (1972) 271

BBA-BIOENERGETICS

- The permeability of *Rhodospirillum rubrum* chromatophores to thiocyanate and perchlorate as detected by light-induced fluorochrome fluorescence changes and by photophosphorylation (BBA 41212)
by Z. GROMET-ELHANAN (Rehovot) 275 (1972) 125
- Studies on the energy state of isolated brown adipose tissue mitochondria. The cytochrome *b* complex as a probe of the energy state of the mitochondrial inner membrane (BBA 46356)
by J. I. PEDERSEN AND T. FLATMARK (Bergen and Blindern) 275 (1972) 135
- Preparation of intact plant mitochondria (BBA 46359)
by R. DOUCE, E. L. CHRISTENSEN AND W. D. BONNER, JR (Philadelphia, Pa.)
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- Evidence for the transport of ~~manganous~~ ^{manganese} ion against an activity gradient by mitochondria (BBA 46383)
by J. S. PUSKIN AND T. E. GUNTER (Rochester, N.Y.) 275 (1972) 302
- The effect of oncotic pressure on heart muscle mitochondria (BBA 46380)
by L. E. BAKEEVA, YU. S. CHENTSOV, A. A. JASAITIS AND V. P. SKULACHEV (Moscow)
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- The membrane ATPase of *Escherichia coli*. I. Ion dependence and ATP-ADP exchange reaction (BBA 46375)
by M. P. ROISIN AND A. KEPES (Paris) 275 (1972) 333
- Energy transduction in photosynthetic bacteria. IV. Light-dependent ATPase in photosynthetic membranes from *Rhodospseudomonas capsulata* (BBA 46374)
by B. A. MELANDRI, A. BACCARINI-MELANDRI AND E. FABBRI (Bologna) . 275 (1972) 383

- Relation entre structure, composition et fractionnement par le Triton X-100 de la lamelle chloroplastique de la souche sauvage et de deux mutants non photosynthétiques de *Chlamydomonas reinhardtii* (BBA 46370)
par A. PICAUD (Gif-sur-Yvette) 275 (1972) 414
- The separation of voltage-dependent photoemfs and conductances in Rudin-Mueller membranes containing magnesium porphyrins (BBA 41216)
by F. T. HONG AND D. MAUZERALL (New York, N.Y.) 275 (1972) 479
- Membrane potential generation by two reconstituted mitochondrial systems: Liposomes in-layed with cytochrome oxidase or with ATPase (BBA 41217)
by A. A. JASAITIS, I. B. NEMEČEK, I. I. SEVERINA, V. P. SKULACHEV AND S. M. SMIRNOVA (Moscow) 275 (1972) 485
- Distribution of permeant cations in rat liver mitochondria under steady state conditions (BBA 46387)
by S. MASSARI, E. BALBONI AND G. F. AZZONE (Padova) 283 (1972) 16
- The equivalent pore radius of intact and damaged mitochondria and the mechanism of active shrinkage (BBA 46388)
by S. MASSARI AND G. F. AZZONE (Padova) 283 (1972) 23
- Some properties of the ATPase from chromatophores of *Rhodospseudomonas spheroides* and its structural relationship to the bacteriochlorophyll proteins (BBA 46396)
by D. W. REED AND D. RAVEED (Yellow Springs, Ohio) 283 (1972) 79
- Solubilization and purification of cytochrome a_1 from *Nitrosomonas* (BBA 46394)
by R. H. ERICKSON, A. B. HOOPER AND K. R. TERRY (St. Paul, Minn.) 283 (1972) 155

BBA-LIPIDS AND LIPID METABOLISM

- Lipid composition of subcellular fractions from rat testis (BBA 56087)
by T. W. KEENAN, S. E. NYQUIST AND H. H. MOLLENHAUER (Lafayette, Ind. and Yellow Springs, Ohio) 270 (1972) 433
- Phospholipids and acyl groups of synaptosomal and myelin membranes isolated from the cerebral cortex of squirrel monkey (*Saimiri sciureus*) (BBA 56116)
by G. Y. SUN AND A. Y. SUN (Cleveland, Ohio) 280 (1972) 306
- Ionic properties of beef brain gangliosides (BBA 56125)
by M. B. ABRAMSON, R. K. YU AND V. ZABY (Bronx, N.Y.) 280 (1972) 365

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- Separation and characterization of sucrase-isomaltase and of glucoamylase of rat intestine (BBA 66658)
by J. KOLÍNSKÁ AND J. KRAML (Prague) 284 (1972) 235
- A microsomal HCO_3^- -stimulated ATPase from the dog submandibular gland (BBA 66702)
by K. T. IZUTSU AND I. A. SIEGEL (Seattle, Wash.) 284 (1972) 478
- The second messenger system of mouse epidermis. I. Properties and β -adrenergic activation of adenylate cyclase *in vitro* (BBA 66738)
by F. MARKS AND W. REBIEN (Heidelberg) 284 (1972) 556

BBA-NUCLEIC ACIDS & PROTEIN SYNTHESIS

- Nucleases of membrane-bound rat liver ribosomes (BBA 97271)
by G. D. KRECHETOVA, I. A. CHUDINAVA AND V. S. SHAPOT (Moscow) 277 (1972) 161
- The submicrosomal distribution of radioactive proteins released by puromycin from the bound ribosomes of rat liver microsomes labelled *in vitro* (BBA 97342)
by L. A. SAUER AND G. N. BURROW (New Haven, Conn.) 277 (1972) 179
- Interactions of nucleic acids and cellular membranes: Behavior of membranes in CsCl density gradients (BBA 97373)
by H. KUBINSKI, P. GIBBS AND C. B. KASPER (Madison, Wisc.) 281 (1972) 244
- Distribution and incorporation of [^3H]orotic acid in free and membrane-bound ribosomes in rat liver after whole body γ -irradiation and prolonged fasting (BBA 97388)
by T. EKREN AND M. B. YATVIN (Madison, Wisc.) 281 (1972) 263
- Effects of amino acid starvation on ribosome formation in HeLa cells: Ribosomal labelli ng patterns in cells deprived of different amino acids (BBA 97444)
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