

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

- Catabolite repression in *Bacillus subtilis* (BBA 28537)
by B. Dowds, L. Baxter and M. McKillen (Dublin, Republic of Ireland) 541 (1978) 18–34
- Characterization of a lipid-associated gonadotropin receptor from the luteinized rat ovary (BBA 28531)
by M. Conti, M.L. Dufau and K.J. Catt (Bethesda, Md., U.S.A.) . . 541 (1978) 35–44
- Comparison of corticoid receptor and other cytoplasmic factors among liver and hepatoma cell lines with different sensitivity to corticoid inhibition of cell growth (BBA 28543)
by M. Taira and H. Terayama (Tokyo, Japan) 541 (1978) 45–58
- A cholesterol-inhibitable cytolytic protein from the sea anemone *Metridium senile* (BBA 28556)
by A.W. Bernheimer and L.S. Avigad (New York, N.Y., U.S.A.) . . 541 (1978) 96–106
- On the polydispersity of bovine adrenal chromaffin granules. Analytical differential centrifugation in isotonic homogeneous medium (BBA 28547)
by V. Bødtker-Naess, E. Slinde, O. Terland and T. Flatmark (Bergen, Norway) 541 (1978) 124–134
- The evidence for the existence of chymotrypsin-like esterase activity in the plasma membranes of rabbit neutrophils and the specific chemotactic peptide binding activity of the subcellular fractions (BBA 28534)
by P.-K. Tsung, S.W. Kegeles and E.L. Becker (Farmington, Conn., U.S.A.) 541 (1978) 150–160
- Cellular cyclic AMP in dispersed mucosal cells from guinea pig stomach (BBA 28539)
by S. Batzri and J.D. Gardner (Bethesda, Md., U.S.A.) 541 (1978) 181–189
- Mediated transport and metabolism of lactate in rat aorta (BBA 28561)
by H. Kutchai, L.M. Geddis and M.S. Martin (Charlottesville, Va., U.S.A.) 541 (1978) 312–320
- Tissue distribution of EDTA encapsulated within liposomes containing glycolipids or brain phosphopholipids (BBA 28580)
by M.M. Jonah, E.A. Cerny and Y.E. Rahman (Argonne, Ill., U.S.A.) 541 (1978) 321–333
- Hormone action at the membrane level. VIII. Adrenergic receptors in rat heart and adipocytes and their modulation by thyroxine (BBA 28564)
by T.P. Ciaraldi and G.V. Marinetti (Rochester, N.Y., U.S.A.) . . . 541 (1978) 334–346

- Solubilization of pituitary receptors for thyrotropin-releasing hormone (BBA 28578)
by P.M. Hinkle and D.G. Lewis (Rochester, N.Y., U.S.A.) 541 (1978) 347—359

BBA-PROTEIN STRUCTURE

- The breakdown of spectrin produced by ultrasonication (BBA 31253)
by J.R. Harris, P. Marshall and I. Naeem (London, U.K.) 534 (1978) 173—176
- Interaction of fibronectin with antibodies and collagen in radioimmunoassay (BBA 37932)
by E. Rouslahti, M. Vuento and E. Engvall (Duarte, Calif., U.S.A.) 534 (1978) 210—218

BBA-BIOENERGETICS

- The orientation of a heme of cytochrome *c* oxidase in submitochondrial particles (BBA 47462)
by H. Blum, H.J. Harmon, J.S. Leigh, J.C. Salerno and B. Chance (Philadelphia, Pa., U.S.A.) 502 (1978) 1—10
- Photoselection and aggregation in purple membrane of *Halobacterium halobium* (BBA 47495)
by T. Reed, B. Hess and W. Doster (Dortmund, G.F.R.) 502 (1978) 188—197
- Influence of membrane lipids on the photochemistry of bacteriorhodopsin in the purple membrane of *Halobacterium halobium* (BBA 47490)
by W.V. Sherman and S.R. Caplan (Chicago, Ill., U.S.A. and Rehovot, Israel) 502 (1978) 222—231
- The involvement of the electrical double layer in the quenching of 9-aminoacridine fluorescence by negatively charged surfaces (BBA 47493)
by G.F.W. Searle and J. Barber (London, U.K.) 502 (1978) 309—320
- Changes in membrane potential during calcium ion influx and efflux across the mitochondrial membrane (BBA 47502)
by K.E.O. Åkerman (Helsinki, Finland) 502 (1978) 359—366
- Control of respiration in proteoliposomes containing cytochrome *aa*₃. I. Stimulation by valinomycin and uncoupler (BBA 47507)
by F.B. Hansen, M. Miller and P. Nicholls (Odense, Denmark and Ontario, Canada) 502 (1978) 385—399
- Control of respiration in proteoliposomes containing cytochrome *aa*₃. II. Inhibition by carbon monoxide and azide (BBA 47508)
by F.B. Hansen and P. Nicholls (Odense, Denmark and Ontario, Canada) 502 (1978) 400—408
- Effect of nucleotides on potential and pH changes across the thylakoid membrane of spinach chloroplasts (BBA 47513)
by G. Girault and J.M. Galmiche (Gif-sur-Yvette, France) 502 (1978) 430—444
- Membrane ATPase of *Bacillus subtilis*. I. Purification and properties (BBA 47512)
by M. Serrahima-Zieger and H. Monteil (Strasbourg, France) 502 (1978) 445—457
- Purification and characterization of cytochrome *o* from *Azotobacter vinelandii* (BBA 41305)
by T.-Y. Yang and P. Jurtshuk, Jr. (Houston, Texas, U.S.A.) 502 (1978) 543—547

BBA-LIPIDS AND LIPID METABOLISM

- Mechanism of thermal adaptation of membrane lipids in *Tetrahymena pyriformis* NT-1. Possible evidence for temperature-mediated induction of palmitoyl-CoA desaturase (BBA 57174)
by Y. Nozawa and R. Kasai (Gifu, Japan) 529 (1978) 54—66

- Solubilization and separation of $\Delta^5,3\beta$ -hydroxysteroid dehydrogenase and 3-oxosteroid- Δ^4 — Δ^5 -isomerase from bovine adrenal cortex microsomes (BBA 57154)
by J. Gallay, M. Vincent, C. de Paillerets and A. Alfson (Paris, France) 529 (1978) 79—87
- Transfer of phosphatidylcholine facilitated by a component of human plasma (BBA 57157)
by M.E. Brewster, J. Ihm, J.R. Brainard and J.A.K. Harmony (Bloomington, Ind., U.S.A.) 529 (1978) 147—159
- Lipid adaptation in liver mitochondrial membranes of carp acclimated to different environmental temperatures. Phospholipid composition, fatty acid pattern, and cholesterol content (BBA 57176)
by E. Wodtke (Kiel, G.F.R.) 529 (1978) 280—291

BBA-ENZYMOLOGY

- Intramembraneous localization of rat liver microsomal hexose-6-phosphate dehydrogenase and membrane permeability to its substrates (BBA 68450)
by T. Takahashi and S.H. Hori (Sapporo, Japan) 524 (1978) 262—276
- Inhibition of gill ($\text{Na}^+ + \text{K}^+$)-ATPase in rainbow trout (*Salmo gairdneri*) by a purine disulfide analog of adenosine triphosphate (BBA 68436)
by E. Pfeiler (Pullman, Wash., U.S.A.) 524 (1978) 447—454
- Activation of adenylate cyclase in bovine adrenal cortex membranes by magnesium ions, guanine nucleotides and corticotropin (BBA 68460)
by P. Glynn, D.M.F. Cooper and D. Schulster (Falmer, U.K.) . . . 524 (1978) 474—483