

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

- Effect of the membrane phospholipid composition changes on adenylate cyclase activity in normal and Rous-sarcoma-transformed chicken embryo fibroblasts (BBA 29188)
by S. Gidwitz, J.E. Pessin, M.J. Weber, M. Glaser and D.R. Storm (Seattle, WA and Urbana, IL, U.S.A.) 628 (1980) 263—276
- Interaction between *Clostridium botulinum* neurotoxin and gangliosides (BBA 29199)
by M. Kitamura, M. Iwamori and Y. Nagai (Tokyo, Japan) 628 (1980) 328—335
- Further evidence for ATP uptake by rat tissues (BBA 29158)
by I.H. Chaudry and A.E. Baue (New Haven, CT, U.S.A.) 628 (1980) 336—342
- Regulation of ornithine decarboxylase in cultured mouse mammary gland by the osmolarity in the cellular environment (BBA 29200)
by J.W. Perry and T. Oka (Bethesda, MD, U.S.A.) 629 (1980) 24— 35
- Glutathione reduces cytoplasmic vanadate. Mechanism and physiological implications (BBA 29189)
by I.G. Macara, K. Kustin and L.C. Cantley, Jr. (Waltham and Cambridge, MA, U.S.A.) 629 (1980) 95—106
- Effect of tunicamycin on the turnover of epidermal growth factor receptors in cultured calf aorta smooth muscle cells. Comparison with IMR-90 human lung fibroblasts (BBA 29204)
by G. Bhargava and M.H. Makman (Bronx, NY, U.S.A.) 629 (1980) 107—112
- Copper accumulation and metabolism in primary monolayer cultures of rat liver parenchymal cells (BBA 29207)
by A.L. Weiner and R.J. Cousins (New Brunswick, NJ, U.S.A.) . . 629 (1980) 113—125
- Complementary role of surface hydrolysis and intact transport in the intestinal assimilation of di- and tripeptides (BBA 29219)
by E.M. Rosen-Levin, K.W. Smithson and G.M. Gray (Stanford, CA and Bethesda, MD, U.S.A.) 629 (1980) 126—134
- Effects of probenecid on transport and metabolism of cyclic AMP isolated rabbit renal tubules (BBA 29227)
by R.A. Podevin, E.F. Boumendil-Podevin, J. Bujoli-Roche and C. Priol (Paris, France) 629 (1980) 135—142
- Characteristics of the guanine nucleotide regulatory component of adenylate cyclase in human erythrocyte membranes (BBA 29232)
by T.B. Nielsen, P.M. Lad, M.S. Preston and M. Rodbell (Bethesda, MD, U.S.A.) 629 (1980) 143—155
- Somatostatin-detergent interaction (BBA 29194)
by L.A. Holladay and P. Wilder (Nashville, TN, U.S.A.) 629 (1980) 156—167

- Transport of a carcinogen, benzo[a]pyrene, from particulates to lipid bilayers. A model for the fate of particle-adsorbed polynuclear aromatic hydrocarbons which are retained in the lungs (BBA 29225)
by J.R. Lakowicz, D.R. Bevan and S.C. Riemer (Navarre, MN, U.S.A.) 629 (1980) 243—258
- Sulfated glycosaminoglycans of cultured fibroblasts from guinea-pig embryo kidney (BBA 29215)
by P.A.S. Mourão, G.M. Machado-Santelli and O.M.S. Toledo (São Paulo, Brazil) 629 (1980) 259—265
- Effects of local anesthetics on guanyl nucleotide modulation of the catecholamine-sensitive adenylate cyclase system and on β -adrenergic receptors (BBA 29210)
by V.L. Voeikov and R.J. Lefkowitz (Durham, NC, U.S.A.) 629 (1980) 266—281
- Prostaglandin E_1 binding and adenylate cyclase activation in normal and transformed fibroblasts (BBA 29233)
by P.J.A. Davies, R. Chabay, L. Zech, M. Berman and I. Pastan (Bethesda, MD, U.S.A.) 629 (1980) 282—291
- Inhibition of acyltransferase in lymphocytes by concanavalin A (BBA 29244)
by P. Dobson and A. Mellors (Guelph, Canada) 629 (1980) 305—316
- Characteristics of insulin receptors in the heart muscle. Binding of insulin to isolated muscle cells from adult rat heart (BBA 29256)
by J. Eckel and H. Reinauer (Düsseldorf, F.R.G.) 629 (1980) 510—521
- Synthesis and secretion of colonic glycoproteins. Evidence for shedding in vivo of low molecular weight membrane components (BBA 29246)
by J.T. LaMont and A. Ventola (Boston, MA, U.S.A.) 629 (1980) 553—565

BBA-PROTEIN STRUCTURE

- Identification of blood group A-active glycoproteins in the human erythrocyte membrane (BBA 38386)
by K.K. Karhi and C.G. Gahmberg (Helsinki, Finland) 622 (1980) 344—354

BBA-BIOENERGETICS

- Proton permeation, adenine nucleotide translocation and respiratory control in mitochondria cross-linked by dimethylsuberimide (BBA 47830)
by A. Rendon, R. Rott and Y. Avi-dor (Strasbourg, France, and Haifa, Israel) 590 (1980) 290—299
- Effect of dicyclohexylcarbodiimide on the proton conductance of thylakoid membranes in intact chloroplast (BBA 47828)
by A.A. Bulychev, V.K. Andrianov and G.A. Kurella (Moscow, U.S.S.R.) 590 (1980) 300—308
- Effect of water on the structure of bacteriorhodopsin and photochemical processes in purple membranes (BBA 47825)
by Y.A. Lazarev and E.L. Terpugov (Pushchnino, U.S.S.R.) 590 (1980) 324—338
- Correlation of membrane-potential-sensing carotenoid to pigment-protein complex II in *Rhodospseudomonas sphaeroides* (BBA 47836)
by K. Matsuura, T. Ishikawa and M. Nishimura (Fukuoka, Japan) . 590 (1980) 339—344
- Photosystem II oxidation of charged electron donors. Surface charge effects (BBA 47834)
by C.T. Yerkes and G.T. Babcock (East Lansing, MI, U.S.A.) . . . 590 (1980) 360—372

BBA-LIPIDS AND LIPID METABOLISM

- Acylation of endogenous phospholipids and added lysoderivatives by rat liver plasma membranes (BBA 57544)**
 by O. Colard, D. Bard, G. Bereziat and J. Polonovski (Paris, France) 618 (1980) 88— 97

BBA-ENZYMOLOGY

- Quantitative analysis of the mixed activating effects of the alkali metal ions on intestinal brush-border sucrase at pH 5.2 (BBA 68990)**
 by F. Alvarado, A. Mahmood, C. Tellier and M. Vasseur (Orsay and Meudon, France) 613 (1980) 140—152
- Determinants of the stimulation of fat cell adenylate cyclase by high concentrations of sodium and magnesium salts. Implications for the role of magnesium in regulation of enzyme activity (BBA 68959)**
 by M.S. Katz, J.S. Partilla, M.A. Pineyro and R.I. Gregerman (Baltimore, MD, U.S.A.) 613 (1980) 229—237