

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

- Investigations on isolated islets of Langerhans in vitro. 16. Modification of the glucose-dependent inhibition of glucagon secretion (BBA 28322)
by H.-J. Hahn and M. Ziegler (Karlsburg, G.D.R.) 499 (1977) 362—372
- Studies on the solubilized porcine ileal intrinsic factor receptor and on a 340 000-dalton component binding vitamin B-12 (BBA 28317)
by G. Marcoullis (Helsinki, Finland) 499 (1977) 373—381
- Nephritogenoside, the receptor glycoprotein for concanavalin A in rat glomerular basement membrane. Demonstration of α -D-glucopyranosyl unit at the non-reducing terminus (BBA 28330)
by S. Shibata, T. Nagasawa and K. Miura (Tokyo, Japan) 499 (1977) 392—403
- The suppression of milk fat globule secretion by colchicine: an effect coupled to inhibition of exocytosis (BBA 28332)
by S. Patton, B.H. Stemberger and C.M. Knudson (University Park, Pa., U.S.A.) 499 (1977) 404—410
- Enzymatic release of iron from sideramines in fungi. NADH:sideramine oxidoreductase in *Neurospora crassa* (BBA 28347)
by J.F. Ernst and G. Winkelmann (Tübingen, G.F.R.) 500 (1977) 27— 41
- Effect of local anesthetics on plasma protein secretion by rat hepatocytes (BBA 28323)
by D. Banerjee and C.M. Redman (New York, N.Y., U.S.A.) 500 (1977) 49— 60
- Glycosylation of endogenous proteins through dolichol derivatives in reticulocyte plasma membranes (BBA 28342)
by A.J. Parodi and J. Martin-Barrientos (Buenos Aires, Argentina) 500 (1977) 80— 88
- Activation of 3-O-methyl-glucose transport in rat thymus lymphocytes by concanavalin A. Temperature and calcium ion dependence and sensitivity to puromycin but not to cycloheximide (BBA 28350)
by D. Yasmeen, A.J. Laird, D.A. Hume and M.J. Weidemann (Canberra, Australia) 500 (1977) 89—102
- Determination of calcium transport and phosphoprotein phosphatase activity in microsomes from respiratory and vascular smooth muscle (BBA 28352)
by H. Sands, J. Mascali and E. Paietta (Denver, Colo., U.S.A.) 500 (1977) 223—234
- Neurohypophyseal peptide action on adenylate cyclase and hydro-osmotic properties of toad urinary bladder epithelium (BBA 28354)

- by M.A. Kirchberger, O. Hechter, R. Walter and I.L. Schwartz (New York, N.Y. and Chicago, Ill., U.S.A.) 500 (1977) 246—255
- Factors involved in the uptake of corticosterone by rat liver cells (BBA 28356)
- by M.L. Rao, G.S. Rao, J. Eckel and H. Breuer (Bonn, G.F.R.) . . 500 (1977) 322—332
- Identification and characterization of β_1 -adrenergic receptors in rat parotid membranes (BBA 28374)
- by D.K. Au, C.C. Malbon and F.R. Butcher (Providence, R.I., U.S.A.) 500 (1977) 361—371
- Lysis of halophilic *Vibrio alginolyticus* and *Vibrio costicola* induced by chaotropic anions (BBA 28346)
- by T. Unemoto, M. Hayashi and K. Terao (Chiba-ken, Japan) . . 500 (1977) 425—431
- Intestinal response to $1\alpha,25$ -dihydroxycholecalciferol. I. RNA polymerase, alkaline phosphatase, calcium and phosphorus uptake in vitro, and in vivo calcium transport and accumulation (BBA 28367)
- by R.L. Morrissey, D.T. Zolock, D.D. Bikle, R.N. Empson, Jr. and T.J. Bucci (Presidio of San Francisco, Calif., U.S.A.) 538 (1978) 23— 33
- Intestinal response to $1\alpha,25$ -dihydroxycholecalciferol. II. A timed study of the intra-cellular localization of calcium binding protein (BBA 28368)
- by R.L. Morrissey, R.N. Empson, Jr., D.T. Zolock, D.D. Bikle and T.J. Bucci (Presidio of San Francisco, Calif., U.S.A.) 538 (1978) 34— 41
- Preparation and characterization of liposomes containing the Ca^{2+} -activated photoprotein, obelin (BBA 28360)
- by R.L. Dormer, G.R. Newman and A.K. Campbell (Cardiff, U.K.) 538 (1978) 87—105
- An alternative to allosteric interactions as causes of sigmoid dose versus response curves. Application to glucose-induced secretion of insulin (BBA 28382)
- by J.A. DeSimone and S. Price (Richmond, Va., U.S.A.) 538 (1978) 120—126
- Basement membrane biosynthesis. Secretion without deposition of underhydroxylated basement membrane collagen by parietal yolk sacs (BBA 28361)
- by M.E. Maragoudakis, H.J. Kalinsky and J. Wasvary (Ardsley, N.Y., U.S.A.) 538 (1978) 139—154

BBA-PROTEIN STRUCTURE

- Quantitative 250 MHz proton magnetic resonance study of hydrogen-deuterium exchange. Angiotensin II hormone in trifluoroethanol (BBA 37761)
- by C. Thiery, E. Nabedryk-Viala, S. Fermandjian and J.M. Thiery (Gif-sur-Yvette, France) 494 (1977) 293—300
- Oxidation of methionine causes a change in the electrophoretic mobility of the major sialo-glycoprotein of the human erythrocyte membrane (BBA 31230)
- by M. Silverberg, C.C. Chow and V.T. Marchesi (New Haven, Conn., U.S.A.) 494 (1977) 441—445
- The isolation and partial characterization of transferrin binding components of the rabbit reticulocyte plasma membrane (BBA 37784)
- by N.D. Light (Bristol, U.K.) 495 (1977) 46— 57
- Fractionation of rhodopsin and other components in the rod outer segment membrane by ammonium sulfate salting-out (BBA 37795)
- by M. Makino, T. Hamanaka, Y. Orii and Y. Kito (Hyogo and Osaka, Japan) 495 (1977) 299—311

BBA-BIOENERGETICS

- Influence of the energetic state of rat liver mitochondria on the sensitivity of the phosphate carrier towards SH reagents (BBA 47365) by D. Le Quoc, K. Le Quoc and Y. Gaudemer (Besançon, France) 462 (1977) 131–140
- Inhibitory effect of high oxygen pressure on potassium-induced activation of pyruvate dehydrogenase and glucose metabolism in rat brain slices (BBA 47400) by G.B. Kovachich, M.J. Schina and N. Haugaard (Philadelphia, Pa., U.S.A.) 462 (1977) 493–500
- Salt-induced absorbance changes of *P*-515 in broken chloroplasts (BBA 47412) by A.H.C.M. Schapendonk and W.J. Vredenburg (Wageningen, The Netherlands) 462 (1977) 613–621
- Low-temperature flash photolysis studies of cytochrome oxidase and its environment (BBA 47399) by M. Sharrock and T. Yonetani (Philadelphia, Pa., U.S.A.) 462 (1977) 718–730

BBA-LIPIDS AND LIPID METABOLISM

- Human endothelial cells in primary culture. Effects of normal lipoproteins on the incorporation of acetate into lipids (BBA 57060) by T. Henriksen, S.A. Evensen, H. Torsvik and B. Carlander (Oslo, Norway) 489 (1977) 64–71
- Lipid peroxidation and its inhibition by tinoridine. I. Lipid peroxidation-induced disintegration of microsomal membrane and cytochrome *P*-450 in rat liver (BBA 57070) by O. Shimada and H. Yasuda (Fukuoka, Japan) 489 (1977) 163–172
- Hydrocarbon chain disorder in lipid bilayers. Temperature dependent Raman spectra 1,2-diacyl phosphatidylcholine-water gels (BBA 57078) by N. Yellin and I.W. Levin (Bethesda, Md., U.S.A.) 489 (1977) 177–190
- Raman spectra and vibrational assignments for deuterated membrane lipids. 1,2-Dipalmitoyl phosphatidylcholine- d_9 and $-d_{62}$ (BBA 57076) by M.R. Bunow and I.W. Levin (Bethesda, Md., U.S.A.) 489 (1977) 191–206
- The structure and morphology of the abnormal serum lipoprotein-X (BBA 57082) by H. Hauser, G. Kostner, M. Müller and P. Skrabal (Zurich, Switzerland and Graz, Austria) 489 (1977) 247–261
- A stable triacylglycerol emulsion for assay of soluble and membrane-associated lipolytic activity (BBA 57077) by E. Demant (Copenhagen, Denmark) 489 (1977) 269–277
- The lipid composition of muscle cells during development (BBA 57105) by R. Boland, T. Chyn, D. Roufa, E. Reyes and A. Martonosi (St. Louis, Mo., U.S.A.) 489 (1977) 349–359
- Synthesis of chloroplast membrane lipids and chlorophyll in synchronous cultures of *Chlamydomonas reinhardtii* (BBA 57092) by J.C. Beck and R.P. Levine (Cambridge, Mass., U.S.A.) 489 (1977) 360–369
- Fatty acid synthesis and metabolism of phospholipid acyl groups in strain L mouse fibroblasts (BBA 57102) by P.-y. Tsai and R.P. Geyer (Boston, Mass., U.S.A.) 489 (1977) 381–389
- The action of purified lysophospholipases on microsomal membrane-bound lysophosphatidylcholine (BBA 57101) by H. Moonen, P. Trienekens and H. van den Bosch (Utrecht, The Netherlands) 489 (1977) 423–430

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

Effects of erythromycin on membrane-bound chloroplast ribosomes
from wild-type *Chlamydomonas reinhardtii* and erythromycin-
resistant mutants (BBA 99056)
by M.R. Hanson and L. Bogorad (Cambridge, Mass., U.S.A.) 479 (1977) 279—289

Substrate inhibition of the (Na⁺ + K⁺)-ATPase in the presence of
excess Mg²⁺ (BBA 68290)
by G. Rimon (Jerusalem, Israel) 485 (1977) 434—445