

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 sucrose refeeding on disaccharidase and aminopeptidase activities of intestinal villus and crypt cells in adult rats. Evidence for a sucrose-dependent induction of sucrase in the crypt cells (BBA 29281)
by F. Raul, P.M. Simon, M. Kedinger, J.F. Grenier and K. Haffen (Strasbourg, France) 630 (1980) 1— 9
- Characterization of dermatan sulfate in mucopolysaccharidosis VI. Evidence for the absence of hyaluronidase-like enzymes in human skin fibroblasts (BBA 29263)
by U. Klein and K. von Figura (Münster, F.R.G.) 630 (1980) 10— 14
- Guanine nucleotides protect adenylate cyclase against inhibition by Pb^{2+} (BBA 29264)
by S.O. Døskeland (Bergen, Norway) 630 (1980) 15— 21
- Tissue distribution of carnitine biosynthetic enzymes in man (BBA 29270)
by C.J. Rebouche and A.G. Engel (Rochester, MN, U.S.A.) 630 (1980) 22— 29
- Changes in enzyme activity during differentiation in *Chlamydomonas reinhardtii* (BBA 29266)
by A.D. Frankel and R.F. Jones (Stony Brook, NY, U.S.A.) 630 (1980) 157—164
- Characterization of the hormone-sensitive Ca^{2+} uptake activity of the hepatic endoplasmic reticulum (BBA 29267)
by A.M. Andia-Waltenbaugh, A. Lam, L. Hummel and N. Friedman (Houston, TX, U.S.A.) 630 (1980) 165—175
- Association of guanylate cyclase with the axoneme of retinal rods (BBA 29257)
by D. Fleischman, M. Denisevich, D. Raveed and R.G. Pannbacker (Yellow Springs, OH, U.S.A.) 630 (1980) 176—186
- Differences and similarities among three acidic endopeptidases associated with human erythrocyte membranes. Molecular and functional studies (BBA 29298)
by S. Pontremoli, B. Sparatore, E. Melloni, F. Salamino, M. Michetti, A. Morelli, U. Benatti and A. de Flora (Genova, Italy . . 630 (1980) 313—322
- The importance of the amino acid in position 27 of cholecystokinin in determining its biological activity on pancreatic acini (BBA 29295)
by J.D. Gardner, M.D. Walker, J. Martinez, G.P. Priestly, S. Natarajan and M. Bodanszky (Bethesda, MD and Cleveland, OH, U.S.A.) 630 (1980) 323—329

- L-Gulonolactone oxidase activity and vitamin C status in riboflavin-deficient rats (BBA 29294)
by K. Kiuchi, M. Nishikimi and K. Yagi (Nagoya and Kochi, Japan) 630 (1980) 330—337
- Phorbol myristate acetate induces the secretion of an elastase by populations of resident and elicited mouse peritoneal macrophages (BBA 29291)
by M.E. Dahlgren, P. Davies and R.J. Bonney (Rahway, NJ, U.S.A.) 630 (1980) 338—351
- Changes in stability of isocitrate dehydrogenase (NADP⁺) during germination of castor bean seeds (BBA 29289)
by Y. Satoh (Tokyo, Japan) 630 (1980) 352—360
- Casein micelle size and composition related to the enzymatic coagulation process (BBA 29283)
by B. Ekstrand, M. Larsson-Raźnikiewicz and C. Perlmann (Uppsala, Sweden) 630 (1980) 361—366
- Turnover of enzymes of peroxisomal β -oxidation in rat liver (BBA 29301)
by S. Miyazawa, S. Furuta, T. Osumi and T. Hashimoto (Nagano, Japan) 630 (1980) 367—374
- Activation of type I and type II cyclic AMP-dependent protein kinases by 2,8-disubstituted derivatives of cyclic AMP (BBA 21535)
by T.S. Yagura and J.P. Miller (Menlo Park, CA, U.S.A.) 630 (1980) 463—467
- Phenolic ring deiodination in cultured rat hepatoma cells, and sub-cellular localization of deiodinases in cultured rat hepatoma, monkey hepatocarcinoma cells and normal rat liver homogenates (BBA 29309)
by K. Sorimachi, A. Niwa and Y. Yasumura (Tochigi, Japan) ... 630 (1980) 469—475
- Regulation of transglutaminase activity in Chinese hamster ovary cells (BBA 29304)
by P.G. Milhaud, P.J.A. Davies, I. Pastan and M.M. Gottesman (Bethesda, MD, U.S.A.) 630 (1980) 476—484
- Influence of estrogen on glutathione levels and glutathione-metabolizing enzymes in uteri and R3230AC mammary tumors of rats (BBA 29303)
by J.N. Suojanen, R.J. Gay, and R. Hilf (Rochester, NY, U.S.A.) . 630 (1980) 485—496
- Calcium regulation of guanine nucleotide activation of hepatic adenylate cyclase (BBA 29302)
by M.M. Jackowski, R.A. Johnson and J.H. Exton (Nashville, TN, U.S.A.) 630 (1980) 497—510
- Induction of glutathione S-transferases A, B, and C in rat liver cytosol by *trans*-stilbene oxide (BBA 29327)
by C. Guthenberg, R. Morgenstern, J.W. DePierre and B. Mannervik (Stockholm, Sweden) 631 (1980) 1— 10
- Intracellular distribution of NADP-linked isocitrate dehydrogenase, fumarase and citrate synthase in bovine heart muscle (BBA 29333)
by H.R. Fatania and K. Dalziel (Oxford, U.K.) 631 (1980) 11— 19
- Production and properties of antibody to soluble guanylate cyclase purified from bovine brain (BBA 29337)
by M. Nakane and T. Deguchi (Tokyo, Japan) 631 (1980) 20— 27

BBA-PROTEIN STRUCTURE

EPR spectroscopy of soybean lipoxygenase-1. Determination of the zero-field splitting constants of high-spin Fe(III) signals from tem-

perature and microwave frequency dependence (BBA 38473) by S. Slappendel, G.A. Veldink, J.F.G. Vliegthart, R. Aasa and B.G. Malmström (Utrecht, The Netherlands, and Gothenburg, Sweden)	624 (1980) 30— 39
Circular dichroism comparative studies of two bacterial collagenases and thermolysin (BBA 38475) by M.-C. Heindl, S. Femandjian and B. Keil (Gif-sur-Yvette and Paris, France)	624 (1980) 51— 59
Structure of milk lactoperoxidase. A study using circular dichroism and difference absorption spectroscopy (BBA 38461) by G. Sievers (Helsinki, Finland)	624 (1980) 249—259
BBA-BIOENERGETICS	
Studies on the succinate dehydrogenating system. II. Reconstitution succinate-ubiquinone reductase from the soluble components (BBA 47880) by A.D. Vinogradov, V.G. Gavrikov and E.V. Gavrikova (Mos- cow, U.S.S.R.)	592 (1980) 13— 27
BBA-LIPIDS AND LIPID METABOLISM	
Purification and properties of phosphatidylinositol-specific phos- pholipase C of <i>Bacillus thuringiensis</i> (BBA 57592) by R. Taguchi, Y. Asahi and H. Ikezawa (Nagoya, Japan)	619 (1980) 48— 57
Lipid activation of undecaprenol kinase from <i>Lactobacillus planta-</i> <i>rum</i> (BBA 57599) by J.R. Kalin and C.M. Allen (Gainesville, FL, U.S.A.)	619 (1980) 76— 89
Purification of clofibrate-induced carnitine acetyltransferase from rat liver mitochondria (BBA 57601) by B. Mittal and C.K.R. Kurup (Bangalore, India)	619 (1980) 90— 97
BBA-BIOMEMBRANES	
Incorporation of purified components of the rabbit liver microsomal hydroxylase system into phospholipid vesicles (BBA 78769) by M. Ingelman-Sundberg and H. Glaumann (Stockholm and Huddinge, Sweden)	599 (1980) 417—435
Dissociation between Ca^{2+} -ATPase and alkaline phosphatase activi- ties in plasma membranes of rat duodenum (BBA 78823) by W.E.J.M. Ghijsen, M.D. de Jong and C.H. van Os (Nijmegen, The Netherlands)	599 (1980) 538—551
Influence of lecithin liposomes on chlorophyllase-catalyzed chloro- phyll hydrolysis. Comparison of intramembraneous and solubil- ized <i>Phaeodactylum</i> chlorophyllase (BBA 78852) by W. Terpstra (Utrecht, The Netherlands)	600 (1980) 36— 47
Simultaneous isolation of brush border and basolateral membrane from rabbit enterocytes. Presence of brush border hydrolases in the basolateral membrane of rabbit enterocytes (BBA 78806) by B. Colas and S. Maroux (Marseilles, France)	600 (1980) 406—420
BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS	
Enzymatic addition of modified cytosine nucleotides to DNA. Methacrylate polymerization by an azo pyrimidine (BBA 99700) by G.L. Brown, R.F. Hartman and S.D. Rose (Tempe, AZ, U.S.A.)	608 (1980) 266—276