

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

- Ribonuclease H activity in rat mammary gland during the lactation cycle and in R3230AC mammary adenocarcinoma (BBA 29359)
by J.M. Orloski, P.J. Fritz and D.K. Liu (Hershey, PA, U.S.A.) 632 (1980) 1–10
- Anions and cations as stimulators of liver adenylate cyclase (BBA 29372)
by M.S. Katz, T.M. Kelly, M.A. Piñeyro and R.I. Gregerman
Baltimore, MD, U.S.A.) 632 (1980) 11–25
- Effect of iodide on estrogen-induced uterine peroxidase (BBA 29398)
by H.S. Keeping and P.H. Jellinck (Kingston, Canada) 632 (1980) 150–158
- Glutathione reductase activity and pyridoxine (pyridoxamine) phosphate oxidase activity in the red cell (BBA 29388)
by J.E. Clements and B.B. Anderson (London, U.K.) 632 (1980) 159–163
- Induction of betaine: homocysteine methyltransferase in some murine cells cultured in vitro (BBA 29386)
by B. Grzelakowska-Sztabert and M. Balińska (Warsaw, Poland) 632 (1980) 164–172
- Relationship between bone resorption and lysosomal enzyme release as demonstrated by the effect of 1α -hydroxy-vitamin D-3 in an organ culture system (BBA 29379)
by U. Lerner (Umeå, Sweden) 632 (1980) 204–213
- Chemical characterization, synthesis and distribution of proteinase inhibitor in newborn rat epidermis (BBA 29375)
by T. Hibino, K. Fukuyama and W.L. Epstein (San Francisco, CA, U.S.A.) 632 (1980) 214–226

BBA-PROTEIN STRUCTURE

- $^1\text{H-NMR}$ and photochemically-induced dynamic nuclear polarization studies on bovine pancreatic phospholipase A_2 (BBA 31307)
by M.R. Egmond, A.J. Slotboom, G.H. de Haas, K. Dijkstra and R. Kaptein, (Utrecht and Groningen, The Netherlands) 623 (1980) 461–466
- Crosslinking of sarcoplasmic reticulum ATPase protein with 1,5-difluoro 2,4-dinitrobenzene (BBA 38493)
by G. Bailin (Piscataway, NJ, U.S.A.) 624 (1980) 511–521
- Isolation and characterization of genetic variants of the Kunitz soybean trypsin inhibitor (BBA 38482)
by R.C. Freed and D.S. Ryan (Madison, WI, U.S.A.) 624 (1980) 562–572
- Homologies of the N-terminal sequences of asclepains and papain (BBA 31311)
by K.R. Lynn, M. Yaguchi and C. Roy (Ottawa, Canada) 624 (1980) 579–580

BBA-BIOENERGETICS

- Ubiquinol-cytochrome *c* reductase (EC 1.10.2.2). Isolation in Triton X-100 by hydroxyapatite and gel chromatography. Structural and functional properties (BBA 47909)
by W.D. Engel, H. Schägger and G. von Jagow (Munich, F.R.G.) 592 (1980) 211–222
- Use of specific trifluoroacetylation of lysine residues in cytochrome *c* to study the reaction with cytochrome *b₅*, cytochrome *c₁*, and cytochrome oxidase (BBA 47903)
by M.B. Smith, J. Stonehuerner, A.J. Ahmed, N. Staudenmayer and F. Millett (Fayetteville, AR, U.S.A.) 592 (1980) 303–313
- Classification of nucleotide binding sites on mitochondrial F₁-ATPase from yeast (BBA 47911)
by D. Recktenwald and B. Hess (Dortmund, F.R.G.) 592 (1980) 377–384
- The interaction of mitochondrial F₁-ATPase with the natural ATPase inhibitor protein (BBA 47925)
by M. Tuena de Gómez-Puyou, K. Nordenbrand, U. Muller, A. Gómez-Puyou and L. Ernster (Mexico City, Mexico and Stockholm, Sweden) 592 (1980) 385–395
- Control of activity states of heart mitochondrial ATPase. Role of the proton-motive force and Ca²⁺ (BBA 47926)
by M. Tuena de Gómez-Puyou, M. Gavilanes, A. Gómez-Puyou and L. Ernster (Mexico City, Mexico and Stockholm, Sweden) . . 592 (1980) 396–405
- Studies on the structure and conformation of yeast mitochondrial ATPase using aurovertin and methanol as probes (BBA 47923)
by E. Stutterheim, M.A.C. Henneke and J.A. Berden (Amsterdam, The Netherlands) 592 (1980) 415–430

BBA-LIPIDS AND LIPID METABOLISM

- On the mechanism of regulation of hepatic 3-hydroxy-3-methylglutaryl coenzyme A reductase and of acyl coenzyme A: cholesterol acyltransferase by dietary fat (BBA 57615)
by K.A. Mitropoulos, S. Venkatesan and S. Balasubramaniam (London, U.K.) 619 (1980) 247–257
- Inhibition of the microsomal stearoyl coenzyme A desaturation by divalent copper and its chelates (BBA 57613)
by K. Sreerikshna and V.C. Joshi (Houston, TX, U.S.A.) 619 (1980) 267–273
- Specificity of galactosylceramidase activation by phosphatidylserine (BBA 57602)
by E. Hanada and K. Suzuki (Bronx, NY, U.S.A.) 619 (1980) 396–402
- Activities of enzymes involved in the metabolism of ether-linked lipids in normal and neoplastic tissues of rat (BBA 51282)
by T.-C. Lee, V. Fitzgerald, N. Stephens and F. Snyder, (Oak Ridge, TN, U.S.A.) 619 (1980) 420–423

BBA-BIOMEMBRANES

- Analysis of phosphoryl transfer mechanism and catalytic centre geometries of transport ATPase by means of spin-labelled ATP (BBA 78899)
by B. Streckenbach, D. Schwarz and K.R.H. Repke (Berlin-Buch, G.D.R.) 601 (1980) 34–46
- Reconstitution of human erythrocyte membrane acetylcholinesterase in phospholipid vesicles. Analysis of the molecular forms by cross-linking studies (BBA 78893)
by C.R. Römer-Lühti, P. Ott and U. Brodbeck (Bern, Switzerland) 601 (1980) 123–133

- Guanosine triphosphatase activity in human erythrocyte membranes (BBA 78925)
 by E. Beutler and W. Kuhl (Duarte and La Jolla, CA, U.S.A.) . . . 601 (1980) 372-379
- Kinetics of a nucleotide pyrophosphatase in the plasma membrane of the fat cell (BBA 78934)
 by S. Mårdh and F. Vega (Uppsala, Sweden and Mar del Plata, Argentina) 601 (1980) 524-531

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- A facile procedure for purifying maize chloroplast RNA polymerase from whole cell homogenates (BBA 99707)
 by G.H. Kidd and L. Bogorad (Cambridge, MA, U.S.A.) 609 (1980) 14-30
- Ionic control of enzymic degradation of double-stranded RNA (BBA 99706)
 by S. Sorrentino, A. Carsana, A. Furia, J. Doskočil and M. Libonati (Naples, Italy and Prague, Czechoslovakia) 609 (1980) 40-52
- Properties of Herpes simplex virus type 1 and type 2 DNA polymerase (BBA 99725)
 M. Ostrander and Y.-C. Cheng (Buffalo, NY and Chapel Hill, NC, U.S.A.) 609 (1980) 232-245
- Changes in tRNA methyltransferase activity and cellular S-adenosyl methionine content following methionine deprivation (BBA 99722)
 by M.J. Tisdale (London, U.K.) 609 (1980) 296-305