

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

- The specificity of induction of α -galactosidase from *Saccharomyces carlsbergensis* (BBA 29568)
by I G Florez, P S Lazo, A G Ochoa and S Gascon (Oviedo, Spain) 674 (1981) 71—77
- Association of cyclic nucleotide phosphodiesterase of buffalo spermatozoa with sperm chromatin (BBA 29586)
by S K Bhatnagar and S R Anand (Karnal, India) 674 (1981) 212—224
- Changes in intracellular enzymes of collagen biosynthesis during matrix-induced cartilage and bone development (BBA 29581)
by R Myllyla, K Tryggvason, K I Kivirikko and A H Reddi (Oulu, Finland and Bethesda, MD, U S A) 674 (1981) 238—245
- Cyclic adenosine 3',5'-monophosphate-dependent regulation of purified bovine aortic calcium/calmodulin-dependent myosin light chain kinase (BBA 29576)
by B Vallet, A Molla and J G Demaille (Montpellier, France) 674 (1981) 256—264
- A calcium/calmodulin-dependent cyclic adenosine monophosphate phosphodiesterase from *Drosophila* heads (BBA 29591)
by M K Yamanaka and L E Kelly (Berkeley, CA, U S A) 674 (1981) 277—286

BBA-PROTEIN STRUCTURE

- A new class of inhibitors capable of binding both the acidic and alkaline forms of carbonic anhydrase (BBA 38630)
by G Alberti, I Bertini, C Luchinat and A Scozzafava (Florence, Italy) 668 (1981) 16—26

BBA-BIOENERGETICS

- The interaction of nucleotides with F_1 -ATPase inactivated with 4-chloro-7-nitrobenzofurazan (BBA 48023)
by R Gregory, D Recktenwald and B Hess (Dortmund, F R G) 635 (1981) 284—294
- Electrochemical titrations of a ferredoxin-ferredoxin NADP⁺ oxidoreductase complex (BBA 48037)
by J M Smith, W H Smith and D B Knaff (Lubbock, TX, U S A) 635 (1981) 404—411
- Studies of the kinetics of the isolated mitochondrial ATPase using dinitrophenol as a probe (BBA 48038)
by D A Harris, T Dall-Larsen and L Klungsoyr (Leeds, U K and Bergen, Norway) 635 (1981) 412—428
- Proton pump coupled to cytochrome *c* oxidase in *Paracoccus denitrificans* (BBA 48048)
by H W van Verseveld, K Krab and A H Stouthamer (Amsterdam, The Netherlands) 635 (1981) 525—534
- Structural rearrangements in soluble mitochondrial ATPase (BBA 48026)

- by B V Chernyak, V Ya Chernyak, T B Gladysheva, Z E Kozhanova and I A Kozlov (Moscow, U S S R) 635 (1981) 552—570
- Relation between the initial kinetics of ATP synthesis and of conformational changes in the chloroplast ATPase studied by external field pulses (BBA 48040)
- by E Schlodder and H T Witt (Berlin, Germany) 635 (1981) 571—584

BBA-LIPIDS AND LIPID METABOLISM

- Regulation of 3-hydroxy-3-methylglutaryl-CoA reductase by endogenous sterol synthesis in cultured intestinal mucosa (BBA 57756)
- by E F Stange, G Preclik, A Schneider, M Alavi and H Ditschuneit (Ulm, F R G) 663 (1981) 613—620
- A further examination of the active form of *Crotalus adamanteus* phospholipase A₂ (BBA 57754)
- by C M Smith and M A Wells (Tucson, AZ, U S A) 663 (1981) 687—694
- Regulation of triacylglycerol synthesis in the liver A decrease in diacylglycerol acyltransferase activity after treatment of isolated rat hepatocytes with glucagon (BBA 57775)
- by H P Haagsman, C G M de Haas, M J H Geelen and L M G van Golde (Utrecht, The Netherlands) 664 (1981) 74—81
- Phospholipase A activity in supernatants from cultures of *Bacteroides melaninogenicus* (BBA 57777)
- by J Bulkacz, J F Erbland and J MacGregor (Augusta, GA, U S A) 664 (1981) 148—155

BBA-BIOMEMBRANES

- Purification and characterization of a divalent cation-activated ATP-ADPase from pea stem microsomes (BBA 79145)
- by L Tognoli and E Marrè (Milan, Italy) 642 (1981) 1—14
- Cardiolipids are 'in vitro' inhibitors of rat brain (Na⁺ + K⁺)-dependent ATPases A probable mechanism of action (BBA 79153)
- by E Toro-Goyco, M B Rodriguez, A M Preston and A F Rosenthal (San Juan, Puerto Rico and New Hyde Park, NY, U S A) 642 (1981) 96—105
- Factors affecting the inhibition of yeast plasma membrane ATPase by vanadate (BBA 79160)
- by G W F H Borst-Pauwels and P H J Peters (Nijmegen, The Netherlands) 642 (1981) 173—181
- Electrostatic control by lipids upon the membrane bound (Na⁺ + K⁺)-ATPase (BBA 79166)
- by M -L Ahrens (Göttingen, F R G) 642 (1981) 252—266
- Unmasking of membrane enzyme activities and the problem of subcellular localization of adenylate cyclase in pig lymph node lymphocytes (BBA 79175)
- by J -C Bonnafous, J Dornand, J Favero and J -C Mani (Montpellier, France) 642 (1981) 286—295
- Characterization of a plasma membrane-associated plasminogen activator on thymocytes (BBA 79165)
- by R J Fulton and D A Hart (Dallas, TX, U S A) 642 (1981) 345—364
- Substituting manganese for magnesium alters certain reaction properties of the (Na⁺ + K⁺)-ATPase (BBA 79183)
- by J D Robinson (Syracuse, NY, U S A) 642 (1981) 405—417
- Enzymatic activity of dystrophic chicken sarcoplasmic reticulum (BBA 79200)
- by S Hanna, R Kawamoto, M McNamee and R J Baskin (Davis, CA, U S A) 643 (1981) 41—54

- Peptidase activity in the inner membrane of *Pseudomonas aeruginosa* (BBA 71508)
by M W Hass, J M Becker and R V Miller (Knoxville, TN and Maywood, IL, U S A) 643 (1981) 256—260
- The role of phospholipids in the modulation of enzyme activities in the chromaffin granule membrane (BBA 79202)
by R M Buckland, G K Radda and L M Wakefield (Oxford, U K) 643 (1981) 363—375
- The steady-state kinetic mechanism of ATP hydrolysis catalyzed by membrane-bound ($\text{Na}^+ + \text{K}^+$)-ATPase from ox brain I Substrate identity (BBA 79221)
by L Plesner and I W Plesner (Aarhus, Denmark) 643 (1981) 449—462
- The steady-state kinetic mechanism of ATP hydrolysis catalyzed by membrane-bound ($\text{Na}^+ + \text{K}^+$)-ATPase from ox brain II Kinetic characterization of phosphointermediates (BBA 79222)
by I Klodos, J G Nørby and I W Plesner (Aarhus, Denmark) 643 (1981) 463—482
- The steady-state kinetic mechanism of ATP hydrolysis catalyzed by membrane-bound ($\text{Na}^+ + \text{K}^+$)-ATPase from ox brain III A minimal model (BBA 79223)
by I W Plesner, L Plesner, J G Nørby and I Klodos (Aarhus, Denmark) 643 (1981) 483—494

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

- Purification and properties of a DNA polymerase from *Mycobacterium tuberculosis* H₃₇R_v
by K T Hiriyanna and T Ramakrishnan (Bangalore, India) 652 (1981) 274—282
- ATP-dependent exonuclease V from *Micrococcus luteus* The enzyme-DNA complex, the processive mechanism, and the role of ATP (BBA 99817)
by G Cerio-Ventura, M Fossato, A Vellante, F Palitti, P M Fasella and E P Whitehead (Rome, Italy) 652 (1981) 283—293
- Purification and some properties of alanyl- and leucyl-tRNA synthetases from baker's yeast (BBA 99831)
by D Kern, R Giegé and J-P Ebel (Strasbourg, France) 653 (1981) 83— 90
- Study of the interaction between yeast tRNA^{Phe} and yeast phenylalanyl-tRNA synthetase by monochromatic ultraviolet irradiation at various wavelengths Advantages and limits of the method (BBA 99835)
by M Renaud, H Bacha, A Dietrich, P Rémy and J-P Ebel (Strasbourg, France) 653 (1981) 145—159