

## 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-MOLECULAR CELL RESEARCH

Correlation between hydroperoxide-induced chemiluminescence of the heart and its function (BBA 11137)

by R. Barsacchi, P. Camici, U. Bottigli, P.A. Salvador, G. Pelosi, M. Maiorino and F. Ursini (Pisa and Padua, Italy)  
762 (1983) 241–247

Energetics of sodium transport in the kidney. Saturation transfer  $^{31}\text{P}$ -NMR (BBA 11141)

by D. Freeman, S. Bartlett, G.K. Radda and B. Ross (Oxford, U.K.)  
762 (1983) 325–336

### BBA-GENERAL SUBJECTS

Role of ammonia in regulation of nitrogenase synthesis and activity in *Anabaena cylindrica* (BBA 21389)

by M.A. Murry, D.B. Jensen and J.R. Benemann (Berkley, CA, U.S.A.)  
756 (1983) 13–19

Esterification of chlorophyllide *b* in higher plants (BBA 20040)

by Y. Shioi and T. Sasa (Miyazaki, Japan) 756 (1983) 127–131

### BBA-PROTEIN STRUCTURE AND MOLECULAR ENZYMOLOGY

Isolation, subunit structure and localization of inorganic pyrophosphatase of heart and liver mitochondria (BBA 31554)

by S.E. Volk, A.A. Baykov, E.B. Kostenko and S.M. Avaeva (Moscow, U.S.S.R.)  
744 (1983) 127–134

Binding of ethyl isocyanide to cytochrome *c'* from *Chromatium vinosum* (BBA 31519)

by R.J. Kassner, S.C. Rubinow and M.A. Cusanovich (Chicago, IL and Tucson, AZ, U.S.A.)  
743 (1983) 195–199

6,7-Dimethyl-8-ribityl-5,6,7,8-tetrahydrolumazine, a proposed constituent of coenzyme  $\text{MF}_{430}$  from methanogenic bacteria (BBA 31562)

by J.T. Keltjens, C.G. Caerteling, A.M. Van Kooten, H.F. Van Dijk and G.D. Vogels (Nijmegen, The Netherlands)  
743 (1983) 351–358

The ionic strength dependence of the rate of a reaction between two large proteins with a dipole moment (BBA 31561)

by J.W. Van Leeuwen (Utrecht, The Netherlands)

743 (1983) 408–421

Purification and comparison of *nit-1* and wild-type NADPH: nitrate reductases of *Neurospora crassa* (BBA 31559)

by R.D. Horner (Baltimore, MD, U.S.A.) 744 (1983) 7–15

Preparation and properties of apoenzyme of nitrate reductases from wild-type and *nit-3* mutant of *Neurospora crassa* (BBA 31560)

by T. Tachiki and A. Nason (Baltimore, MD, U.S.A.)  
744 (1983) 16–22

Hydrogenase of the hydrogen-oxidizing bacterium *Alcaligenes eutrophus* Z I. Catalytic activity-quaternary structure relationship (BBA 31596)

by V.O. Popov, I.V. Berezin, A.M. Zaks, I.G. Gazaryan, I.B. Utkin and A.M. Egorov (Moscow, U.S.S.R.) 744 (1983) 298–303

### BBA-LIPIDS AND LIPID METABOLISM

A cytochrome *b<sub>5</sub>* electron transport chain in *Tetrahymena* (BBA 50038)

by A.P. Koudelka, N. Kambadur, D.K. Bradley and K.A. Ferguson (Buffalo, NY, U.S.A.)  
751 (1983) 121–126

### BBA-BIOMEMBRANES

Alkaline phosphatase. A dominant enzyme of microvillus structure of cephalopod photoreceptors (BBA 71553)

by O. Romero-Saravia and K. Hamdorf (Bochum, F.R.G.)  
729 (1983) 90–96

Inhibition of  $\text{Ca}^{2+}$ -transport ATPase from synaptosomal vesicles by flavonoids (BBA 71633)

by A. Barzilai and H. Rahamimoff (Jerusalem, Israel)  
730 (1983) 245–254

The efficiency of  $(\text{Na}^{+} + \text{K}^{+})$ -ATPase in tumorigenic cells (BBA 71648)

by R.S. Balaban and J.P. Bader (Bethesda, MD, U.S.A.)  
730 (1983) 271–275

The effects of weak acids on potassium uptake by *Escherichia coli* K-12. Inhibition by low cytoplasmic pH (BBA 71632)

by E.P. Bakker and W.E. Mangerich (Osnabruck, F.R.G.)  
730 (1983) 379–386