

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:

BBE-GENERAL SUBJECTS

Partial purification and properties of the cytoplasmic factors modulating adenylate cyclase activity in rat lung plasma membranes (BBA 29718)

by M.S. Nijjar, A.W.Y. Au and K.C. Chaudhary (Winnipeg, Canada) 677 (1981) 153–159

Evidence for two types of β -adrenergic-sensitive adenylate cyclase activities in bovine cerebellum (BBA 21569)

by I. Novak-Hofer and A. Malnoë (Geneva, Switzerland) 677 (1981) 160–162

Dynamics of calmodulin and cyclic AMP phosphodiesterase in plasma membranes of rat livers and ascites hepatomas (BBA 29712)

by K. Yamagami and H. Terayama (Tokyo, Japan) 677 (1981) 174–183

Characterization of arginase activity from mouse epidermis and its relation to ornithine decarboxylase induction by the tumor-promoting agent, 12-*O*-tetradecanoylphorbol-13-acetate (BBA 29749)

by A.K. Verma and R.K. Boutwell (Madison, WI, U.S.A.) 677 (1981) 184–189

Metabolism of acetylpolyamines by monoamine oxidase, diamine oxidase and polyamine oxidase (BBA 29714)

by O. Suzuki, T. Matsumoto, M. Oya and Y. Katsumata (Hamamatsu and Nagoya, Japan) 677 (1981) 190–193

Constitutive behavior of methionyl-tRNA synthetase compared to repressible behavior of methionine adenosyltransferase in mammalian cells (BBA 29746)

by J.E. Rubnitz, S.J. Jacobsen and R.M. Hoffman (San Diego, CA, U.S.A.) 677 (1981) 269–273

Release of neutral proteinases from mononuclear phagocytes and synovial cells in response to cartilaginous wear particles in vitro (BBA 29750)

by C.H. Evans, D.C. Mears and J.L. Cosgrove (Pittsburgh, PA, U.S.A.) 677 (1981) 287–294

Heterotrophic carbon dioxide fixation by *Euglena*. Function of phosphoenolpyruvate carboxylase (BBA 29756)

by J.G. Peak and M.J. Peak (Grahamstown, Republic of South Africa) 677 (1981) 390–396

Maturation-related change of the protein kinase activity in the rabbit red blood cells (BBA 29747)

by G. Clari, E. Michielin, F. Zen and V. Moret (Padova, Italy) 677 (1981) 403–407

Mn²⁺-uncoupling of the catecholamine-sensitive adenylate cyclase system of rat reticulocytes. Parallel effects on cholera toxin-catalyzed ADP-ribosylation of the system (BBA 29752)

by L.E. Limbird and S.T. MacMillan (Nashville, TN, U.S.A.) 677 (1981) 408–416

The regulation of hepatic tyrosine aminotransferase (BBA 29766)

by P.J. Evans (Oxford, U.K.) 677 (1981) 433–444

BBA-PROTEIN STRUCTURE

Multiple forms of the large subunit of wheat ribulose biphosphate carboxylase generated by excess iodoacetamide (BBA 38759)

by P.B.H. O'Connell and C.J. Brady (North Ryde, Australia) 670 (1981) 355–361

Protein rotation, enzyme activity and photooxidation of SH groups in sarcoplasmic reticulum Ca²⁺-ATPase (BBA 38763)

by C.J. Restall, J.L.R. Arrondo, D.A. Elliot, A. Jaśkowska, W.V. Weber and D. Chapman (London, U.K.) 670 (1981) 433–440

BBA-BIOENERGETICS

Hydrogen evolution by co-immobilized *Chlorella vulgaris* and *Clostridium butyricum* cells (BBA 48157)

by H. Kayano, T. Matsunaga, I. Karube and S. Suzuki (Yokohama, Japan) 638 (1981) 80–85

Structural studies on the cytochrome *c* oxidase proton pump using a spin-label probe (BBA 48161)

by R.P. Casey, C. Broger and A. Azzi (Bern, Switzerland) 638 (1981) 86–93

Trypsin cleavage of the α -subunit of beef heart F_1 -ATPase abolishes ATP synthesis and ATP-driven energy-transduction capabilities (BBA 48160)
by K.J. Skerrett, J.G. Wise, L. Richardson Latchney and A.E. Senior (Rochester, NY, U.S.A.) 638 (1981) 120–124

BBA-LIPIDS AND LIPID METABOLISM

Variations in the activity of microsomal palmitoyl-CoA hydrolase in mixed micelle solutions of palmitoyl-CoA and non-ionic detergents of the Triton X series (BBA 57877)
by R.K. Berge, E. Slinde and M. Farstad (Bergen, Norway) 666 (1981) 25–35

Characterization of phospholipids and localization of some phospholipid synthetic and subcellular marker enzymes in fractions from rabbit lung (BBA 57888)
by A. Jobe, M. Ikegami, I. Sartton-Miller, S. Jones and G. Yu (Torrance, CA, U.S.A.) 666 (1981) 47–57

β -Hydroxy- β -methylglutaryl coenzyme A hydrolase of rat liver (BBA 57917)
by A.B. Sipat and J.R. Sabine (Adelaide, Australia) 666 (1981) 181–190

BBA-BIOMEMBRANES

Improved preparation and assay and some characteristics of Cl^- -ATPase activity from *Limonium vulgare* (BBA 79445)
by C.A. Auffret and D.E. Hanke (Cambridge, U.K.) 648 (1981) 186–191

The steady-state kinetic mechanism of ATP hydrolysis catalyzed by membrane-bound ($Na^+ + K^+$)-ATPase from ox brain. IV. Rate constant determination (BBA 79341)
by I.W. Plesner and L. Plesner (Aarhus, Denmark) 648 (1981) 231–246

Eosin, a fluorescent probe of ATP binding to the ($Na^+ + K^+$)-ATPase (BBA 79412)

by J.C. Skou and M. Esmann (Aarhus, Denmark) 647 (1981) 232–240

BBA-NUCLEIC ACIDS AND PROTEIN SYNTHESIS

Identification of a polypeptide component of mouse myeloma DNA polymerase γ (BBA 99926)
by A. Matsukage, K. Tanabe, M. Yamaguchi, Y.N. Taguchi, M. Nishizawa, T. Takahashi and T. Takahashi (Nagoya, Japan) 655 (1981) 269–277

Polynucleotide synthetase of *E. coli*: an enzyme complex having polynucleotide phosphorylase as apoenzyme (BBA 99929)
by J.G. Stavrianopoulos and E. Chargaff (New York, NY, U.S.A.) 655 (1981) 307–322

DNA methylase during *Xenopus laevis* development (BBA 99936)
by R.L.P. Adams, R.H. Burdon, S. Gibb and E.L. McKay (Glasgow, U.K.) 655 (1981) 329–334

A histone H4-specific methyltransferase. Properties, specificity and effects on nucleosomal histones (BBA 99940)
by P. Sarnow, I. Rasched and R. Knippers (Constance, F.R.G.) 655 (1981) 349–358

Purification and some properties of ATP-dependent deoxyribonuclease of *Caulobacter crescentus* (BBA 99941)
by Z. Markiewicz and Z. Kwiatkowski (Warsaw, Poland) 655 (1981) 383–389

Pisum sativum endonuclease. Studies on substrate specificity and possible use as a biochemical tool (BBA 99933)
by A.A. Wani and R.W. Hart (Columbus, OH, U.S.A.) 655 (1981) 396–406

Terminal strand-switching of *E. coli* RNA polymerase transcribing a truncated DNA fragment (BBA 91525)
by B.A. Oostra, A.C. Arnberg, G. Ab and M. Gruber (Groningen, The Netherlands) 655 (1981) 446–448