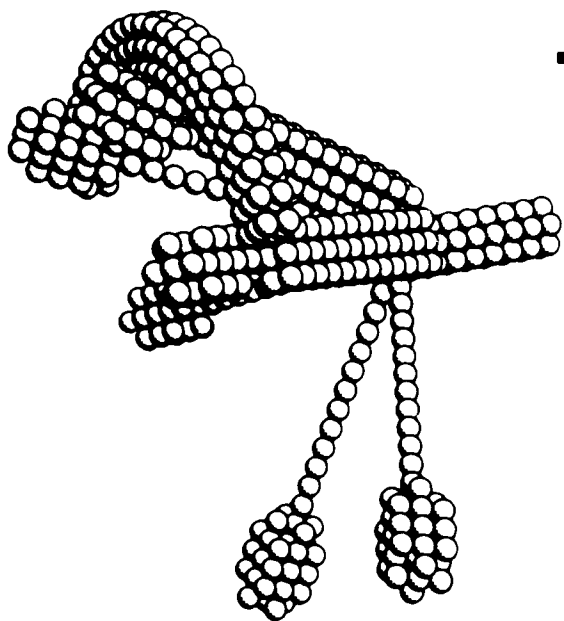


BIOCHEMICAL SOCIETY SYMPOSIA NO. 49

Molecular Variants of Proteins

– Biosynthesis and Clinical Relevance



Edited by
**P.N. CAMPBELL and
C.F. PHELPS**

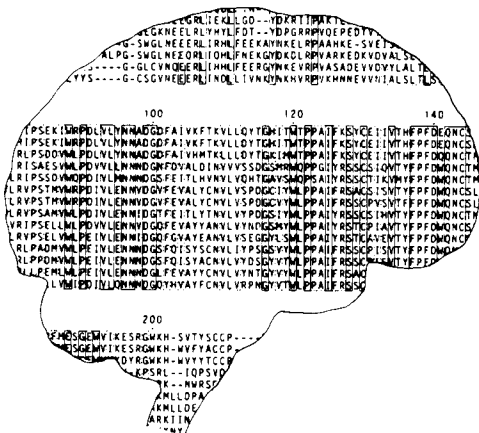
List of contents and authors:

Introduction by **P. N. Campbell**. *Structural Homology of Nicotinic Acetylcholine Receptor Subunits* by **S. Numa**. *Alternative RNA Processing Events as a Critical Developmental Regulatory Strategy in Neuroendocrine Gene Expression* by **M. G. Rosenfeld, S. G. Amara & R. M. Evans**. *Evolution in the Insulin Family: Molecular Clocks that Tell the Wrong Time* by **M. Bajaj, T. Blundell & S. Wood**. *The Molecular Pathology of Human α_1 -Antitrypsin* by **R. W. Carrell, I. C. Bathurst & S. O. Brennan**. *Collagen Gene Structure: the Paradox May be Resolved* by **H. Boedtker & S. Aho**. *Studies on Keratin Multigene Families* by **G. E. Rogers**. *The Interferons* by **J. Taylor Papadimitriou**. *Structure–Function Relationships in Immunoglobulins* by **R. A. Dwek, B. J. Sutton, S. J. Perkins & T. W. Rademacher**. *Muscle Protein Isoforms and Physiological Function: Role of Nerve in Gene Expression* by **S. V. Perry, G. K. Dhoot & D. H. Heeley**. *Calcium-dependent Proteinases and Specific Inhibitors: Calpain and Calpastatin* by **T. Murachi**. *The Biochemistry of Variant Surface Glycoproteins of the African Trypanosomes* by **M. J. Turner**. *The Implications of Genetic Variation in Human Pathology* by **R. Williamson, K. E. Davies, J. Donald, C. Gilliam, S. Wallis & S. Humphries**.
Subject Index.

192 pp. ISBN 0 904498 16 6 £25.00 (US\$ 50.00)



Order from
THE BIOCHEMICAL SOCIETY BOOK DEPOT
PO Box 32, Commerce Way, Colchester CO2 8HP, Essex, U.K.



Molecular Neurobiology

Organized by
E. A. BARNARD

Edited by
J. KAY

List of contents and authors:

Alpha and Beta Adrenergic and Muscarinic Cholinergic Receptor Structure by **J. C. Venter, A. R. Kerlavage & C. M. Fraser**; *Soluble and Membrane-Bound Muscarinic Acetylcholine Receptors* by **N. J. M. Birdsall, E. C. Hulme, M. Keen, E. K. Pedder, D. Poyner, J. M. Stockton & M. Wheatley**; *The GABA_A Receptor and its Antibodies* by **F. A. Stephenson, C. Mamalaki, S. O. Casalotti & E. A. Barnard**; *Expression of cDNAs for Acetylcholine Receptor Subunits in the Yeast Cell Plasma Membrane* by **N. Fujita, M. T. Sweet, T. D. Fox, N. Nelson, T. Claudio, J. M. Lindstrom & G. P. Hess**; *The Vertebrate Glycine Receptor Protein* by **H. Betz, B. Schmitt, C.-M. Becker, G. Grenningloh & A. Rienitz**; *Structural Features of Growth Factor Receptors with Oncogenic Potential* by **E. Chen, L. Coussens, Y.-C. Liao, D. Smith, T. L. Yang-Feng, J. McGrath, C. Van Bevern, I. M. Verma, T. A. Libermann, J. Schlessinger, U. Francke, A. Levinson & A. Ullrich**; *Genes Encoding Molluscan Gonadotrophic Hormones* by **J. F. Jackson, E. Vreugdenhil, K. J. Johnson & F. K. Hall**; *Expression and Function of the Human Calcitonin/ α -CGRP Gene in Health and Disease* by **R. K. Craig, J. H. Riley, M. R. Edbrooke, P. M. Broad, S. M. Foord, S. J. Al-Kazwini, J. J. Holman & I. Marshall**; *Brain-Specific Gene Expression* by **R. J. Milner, C. Lai, D. Lenoir, K. Nave, C. Bakhit & B. Malfroy**; *Molecular Basis for the Function of Ionic Channels* by **S. Numa**; *The Hormonal Regulation of Adenylate Cyclase* by **D. Feder, M. J. Im, T. Pfeuffer, M. Hekman, E. J. M. Helmreich & A. Levitzki**; *Receptor-Stimulated Inositol Phospholipid Hydrolysis and Neural Function* by **M. J. Berridge**; *Subject Index*.

165 pp. ISBN 0 904498 19 0 £30.00 (US \$55.00)



Order from
THE BIOCHEMICAL SOCIETY BOOK DEPOT
PO Box 32, Commerce Way, Colchester CO2 8HP, Essex, U.K.