GENE EXPRESSION
— Regulation at the RNA and Protein Levels
Edited by J. Kay, F.J. Ballard and R.J. Mayer

List of contents and authors: Gene Expression and Differentiation in F9 Mouse Embryonal Carcinoma by Merilyn J. Sleigh; Regulation of Genes Associated with Drug Metabolism by William H. Elliott, Brian K. May, Michael J. Bawden & Antony J. Hansen; Cloning and Expression of the Genes for Calpain and Calpastatin by Tatsuki Murachi, Emiko Takano, Masatoshi Maki, Yoshifumi Adachi & Masakazu Hatanaka; Peptide Signals for Protein Degradation within Lyosomes by J. Fred Dice & Hui-Ling Chiang; Haemopoietic Growth Factor Control of Normal and Neoplastic Cellular Proliferation by Antony W. Burgess, Jonathan Cebon & Sandra Smith; Nuclear Pre-mRNA Splitting in Saccharomyces cerevisiae by Jean Beggs, Marie Loosky & Gordon J. Anderson; Control of mRNA Stability During Development of Dicytostelium discoideum by Giorgio Mangiarotti; Effects of Insulin-like Growth Factors on Protein Metabolism: Why are some Molecules Vastly More Potent? by P. John Ballard, Geoffrey L. Francis, Christopher J. Bagley, Laszlo Szabo & J. C. Wallace; Hormonal Regulation of Gene Expression by John W. Funder; Mechanisms by which Progesterin and Glucocorticoids Regulate Casein Gene Expression by Jeffrey M. Rosen, Patrick Poyet, Heather Goodman & Kuo-Fen Lee; Processing of the Polymeric Immunoglobulin Receptor by Roberto Solari, Esther Schaefer, Corinne Tallichet, Liliane Racine & Jean-Pierre Krachenbuhl; Experimental Characterization of the Autophagic - Lysosomal Pathway in Isolated Rat Hepatocytes by Paul B. Gordon, Guna B. Kopp & O. Seglen; The Molecular Chaperone Conver by R. John Ellis, Saska M. Van Der Vlies & Sean M. Hemmingsen; Protein Folding and Intracellular Transport: Studies on Influenza Virus Haemagglutinin by Mary-Jane Gething & Joe Sambrook; Role of Protein Disulphide-Isomerase in the Expression of Native Proteins by Robert B. Freedman, Neil J. Bulleid, Hilary C. Hawkins & Jan L. Fawcett; Intermediate Filament-Ubiquitin Diseases: Implications for Cell Sanitation by R. John Mayer, James Lowe, Graham Lennox, Michael Landon, Ken MacLennan & Fergus J. Doherty; Subject index.

PLANT MEMBRANES - STRUCTURE, ASSEMBLY AND FUNCTION
Edited by J.L. HARWOOD and T.J. WALTON

This book records the proceedings of a meeting organized by the Phytochemical Society of Europe, the Membrane Group of the Biochemical Society and the Plant Metabolism Group of the Society for Experimental Biology and held at University College Cardiff in April 1988. Topics covered include membrane structure and its modification by different factors, synthesis of components and membrane assembly, molecular function of membrane components and physiological aspects of membranes.


ISBN 0 904498 23 9 251 pages Price £25.00 (US$ 50.00)
The BIOCHEMICAL JOURNAL

REVIEWS 1989

Edited by P. J. England

The Biochemical Journal has published reviews on broad topics of general interest to biochemists and scientists in related disciplines since 1982. These reviews have proved extremely successful and popular (one classic review was one of the most-cited papers of the last decade) and with the aim of making them readily available even to those who do not subscribe to the journal it was decided to produce an annual compilation of all the reviews published in the previous year. This is the first such volume. The 23 reviews published in 1989 covered a wide range of molecular and cellular biochemistry, from fundamental chemical enzymology via the intricacies of signal transduction mechanisms through to cell biology and whole-animal metabolism. Biochemical Journal reviews are intended for research scientists, but are written in such a way as to be intelligible to the non-specialist who wishes to learn about progress in other areas. They are thus ideally suited as material both for teaching staff and for senior students.

Contents:

ISBN 1 85578 000 3 262 pp. £15.00/US$25.00

Order from: Portland Press, Commerce Way, Colchester CO2 8HP, U.K., or with credit card by telephone (0206 46351) or fax (0206 549331)

The Biochemical Journal is published by Portland Press on behalf of the Biochemical Society
Trimethylamine N-oxide (TMANO) has proven to be a very useful reagent for the synthetic organic chemist. Aldrich offers TMANO as an anhydrous solid and also in its dihydrate form. Some examples, which only touch on the tremendous potential of this reagent, are outlined below.


31,759-4 Trimethylamine N-oxide, 98%  1g $11.00; 5g $34.00
17,686-9 Trimethylamine N-oxide dihydrate, 98%  25g $20.35; 100g $50.30

Please contact our Bulk Sales Department at 800-255-3756 for quotations on larger quantities of these and any other products which may interest you.

chemists helping chemists in research & industry
aldrich chemical co.
P.O. Box 355, Milwaukee, Wisconsin 53201 USA • (414) 273-3850

Printed in Great Britain by the University Press, Cambridge