From Protein Folding to New Enzymes
Edited by A Berry and S Radford, University of Leeds, UK
1 85578 143 J Hardback Summer 2001 250 pages £65.00
From Protein Folding to New Enzymes is a collection of articles written by speakers at the 68th Annual Symposium of the Biochemical Society held at the University of Leeds in April 2000. This book deals with the structures of proteins, the consequences of misfolding transitions in human disease, and the engineering of structures for new functions. The articles present an up-to-date view of protein folding in vitro and in vivo, the role of chaperones in folding, and the consequences of protein misfolding, for example in amyloid diseases. In addition, simulations of folding mechanisms, protein design principles, and protein engineering to produce novel enzymes are discussed.

This book is of interest for all who work in Biochemistry, Molecular Biology and Biophysics, especially Under Graduates, Post Graduates, Researchers and Lecturers.

Neuronal Signal Transduction and Alzheimer’s Disease
Edited by C’O Neill, University College, Cork, Ireland and B Anderton, Institute of Psychiatry, London, UK
1 85578 133 6 Hardback February 2001 250 pages £65.00
Neuronal Signal Transduction and Alzheimer’s Disease brings together key researchers from diverse biochemical areas to focus upon signal transduction dysfunction in Alzheimer’s disease. Although specifically focused upon Alzheimer’s this book has many parallels in other neurodegenerative disorders and will be of interest to those studying neuronal cell development and function in health and disease.

Cell Behaviour: Control and Mechanism of Motility
Edited by J M Lackie, Yamanouchi Research Institute, Oxford, UK, G A Dunn, and G E Jones, The Randall Institute, King’s College, London, UK
1 85578 124 7 Hardback December 1998 360 pages £65.00
The latest molecular and genetic advances in the study of the movement of cells are discussed in this title in the Symposia series. The recent advances in identifying the molecular components of cell motility can be found in many publications but this text uniquely provides a synthesis of the molecular and phenomenological aspects that will be required for an understanding of the controlling processes that underlie cell behaviour.

“...The organizers of the conference (and editors of the volume), Lackie, Graham Dunn and Gareth Jones, have deftly balanced multiple viewpoints ranging from single-molecule characterization to tissue-level phenomenology. ...uniformly high quality.” Cell
Essays in Biochemistry Volume 37

Regulation of Gene Expression

Edited by K Chapman, University of Edinburgh, UK

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• explains the cellular decision-making processes that come into play once the cell's DNA has been damaged.
• highlights some of the exciting recent developments in gene regulation and points to the areas where dramatic progress in our understanding can be anticipated.

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• Cellular choices: to die or not to die, D Harrison
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