Neuropeptide Gene Expression
Edited by A J Turner
Neuropeptides are a rapidly growing class of biological signal molecules. Study of their molecular biology is providing insights into important mechanisms of gene expression. In this book, leading scientists survey the recent progress made in the identification of neuropeptides and the factors regulating their expression including transcription factors, enzymes involved in post-translational processing as well as agents modulating peptide hormone release at synaptic terminals. This book will be of interest to both neuroscientists and those studying gene expression in general.

Temperature Adaptation of Biological Membranes
Edited by A R Cossins
This book examines current knowledge of the physical/structural adaptations of membranes to fluctuations in temperature. New genetic and molecular biology approaches to investigating the underlying machinery are presented in the book. Also included are new perspectives on mechanisms of cold and heat damage, and adaptations which endow enhanced thermoreistance. Essential reading for anyone studying membrane structure and function: biochemists, biophysicists and physiologists, also all those interested in cold/heat tolerance.

Mitochondria: DNA, Proteins and Disease
Edited by V M Darley-Usmar and A H V Schapira
Whilst the function of mitochondria in cell metabolism is well understood, the role which dysfunctional mitochondria play in human disease is just emerging, with many mutations and more diseases associated with mitochondrial abnormalities, e.g. mitochondrial myopathies, encephalopathies and Leber's hereditary optic neuropathy being described regularly. This book aims to bridge the gap between basic research and clinical practice by bringing together the genetic and bioenergetics aspects of mitochondrial metabolism.

Proteolysis and Protein Turnover
Edited by J S Bond and A J Barrett
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