Student Textbooks

Life Chemistry & Molecular Biology

By E J Wood, C A Smith and W R Pickering

"crafted by experienced teachers who know the elements of conveying core information to students, [this book] has the potential to redefine the use of textbooks in teaching biochemistry."

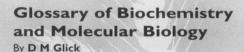
ASBMB Inc Newsletter.

This is a new biology textbook which uses a unique and innovative format, consisting of a series of annotated diagrams with linking text, to make it an ideal study-guide for students as well as a valuable tool for teachers. Each chapter includes further reading suggestions and also examination questions. Biological principles and their application in commercial, medical, ecological and physiological contexts are explained in the book. The text covers information for the newly proposed A-level syllabuses, and is equally useful for undergraduates and students of vocational life-science courses.

Contents

Life Chemistry and the Ecosystem; Biological Molecules; Enzymes; Obtaining Energy; Using Metabolic Energy; DNA: Dealing with Information; Molecular Biology and Applied Biochemistry

ISBN: I 85578 064 X Paper November 1996 240 pages £16.00/US\$27.00



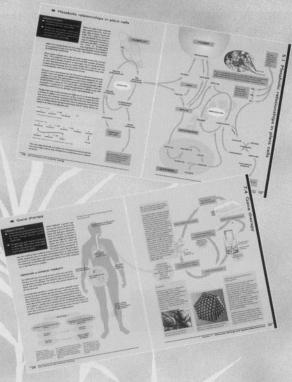
"it will make a welcome addition to the reference shelf."

SFEP Newslette:

Glossary of Biochemistry and Molecular Biology compiles nearly 3000 terms and gives succinct definitions to assist those who wish to converse with biochemists or molecular biologists in their native tongue! Some of the terms appear only in earlier literature, some are very current, some are common terms invested with new meanings, some are lab. jargon.

References are included with many of the entries, to assist the reader in searching for additional information. These citations, frequently review articles, are offered as a convenient introduction to the literature on the subject. The glossary should be of interest to undergraduate and post-graduate students, to new researchers and to other professions having to interface with modern biochemistry or molecular biology.

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Basic Chemistry for the Biological Sciences:

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Edited by C Wynn

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Frontiers in Neurobiology

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Nerve Growth and Guidance

Neuropeptide Gene Expression

Edited by FA Stephenson, University of London and A J Turner, University of Leeds.

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Amino Acid Neurotransmission includes both pre and post synaptic mechanisms. Contents: Perspective, A J Turner and F A Stephenson; Neurotransmitter release mechanisms, D G Nicholls and J Sánchez-Prieto; Structure, function and regulation of sodium coupled neurotransmitter transporters, B I Kanner; Electrophysiology of GABA, receptors, T G Smart; Molecular structure of GABA, receptors, F A Stephenson; The inhibitory glycine receptor, C-M Becker and D Langosch; Metabotropic glutamate receptors, J M Henley, R Burton and S A Richmond; Non-N-methyl-D-aspartate (NMDA) glutamate receptors: molecular properties, R J Wenthold and R S Petralia; Molecular biology of N-methyl-D-aspartate (NMDA)-type glutamate receptors, P J Whiting and T Priestley; Receptor regulation by phosphorylation, L Raymond; Excitatory amino acids and neurodegeneration, A M Palmer; Long term potentiation in the hippocampus, Z I Bashir.

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Edited by C D McCaig, University of Aberdeen.

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Edited by A J Turner, University of Leeds.

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