



Cell Chemistry and Physiology: Pt. 1 (Hardback)

By Bittar, Neville Bittar

ELSEVIER SCIENCE TECHNOLOGY, United Kingdom, 1996.
Hardback. Book Condition: New. 232 x 162 mm. Language:
English . Brand New Book ***** Print on Demand *****.This is the
first of a 4-volume module that is an introduction to the study of
cell chemistry and physiology. It is not intended to be
encyclopedic in nature but rather a general survey of the subject
with an emphasis on those topics that are central to an
understanding of cell biology and those that are certain to
become of increasing importance in the teaching of modern
medicine. We have followed what appeared to as to be the
logical divisions of the subject beginning with proteins. Allewell
and her colleagues stress the point that proteins fold
spontaneously to form complex three-dimensional structures
and that some of them unfold with the help of proteins called
chaperones. Michaelis-Menten kinetics are shown by Nelsestuen
to describe the behaviour of enzymes in the test tube. The
formalism is particularly useful in the search for agents of
therapeutic value, as exemplified by methotrexate. Uptake by
mammalian cells of substrates and their metabolic conversions
are discussed by van der Vusse and Reneman. However, both
Welch and Savageau expound the view that the...



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Reviews

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