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Primary Metabolism

A Mechanistic Approach

J. Staunton

The traditional line of demarcation between biochemistry and chemistry has dissolved in recent years as chemists and biochemists have joined forces in investigating the mechanisms of reactions which take place in living systems. This book introduces this area of common interest to students of both chemistry and biochemistry. £6.50 *Oxford Chemistry Series*

Dielectric Behaviour of Biological Molecules in Solution

E. H. Grant, R. J. Sheppard, and G. P. South

Dielectric studies can provide valuable information on the structure and properties of biological molecules and are finding direct applications in medicine as well as in biology. This survey, intended for those who need an introduction to this field of research, covers the role of dielectric studies in biophysics; dielectric theory; the measurement of permittivity; the analysis of experimental results; water and small biological molecules; and proteins and larger structures. £11 *Monographs of Physical Biochemistry*

Cooperative Equilibria in Physical Biochemistry

D. Poland

Starting from the familiar ideas of equilibrium constants and free energy, the author recasts these concepts in the framework of partition functions as sums over free-energy levels, and then extends the latter approach in successively more complex steps to multiple co-operative equilibria. His aim is to enable the reader to understand how to interpret data, extract parameters, and to predict for chosen concentrations and temperatures the population of the enormous number of states of confirmation and aggregation that exist in solutions of biological molecules and macromolecules. £14 *Monographs on Physical Biochemistry*

An Introduction to Human Biochemistry

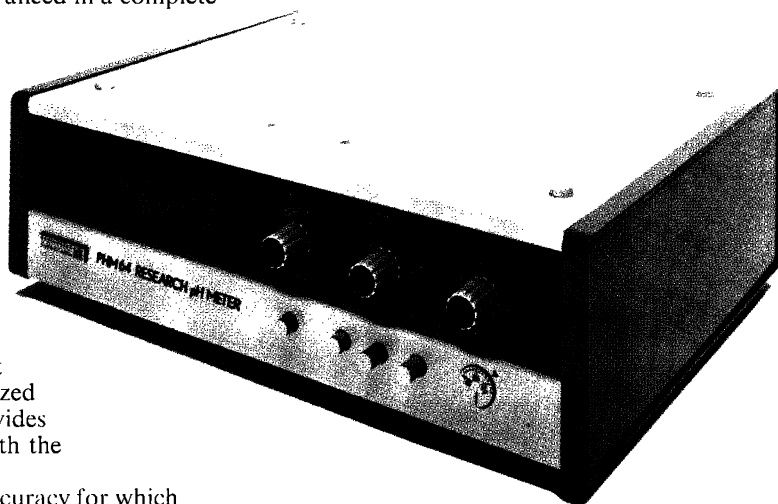
C. A. Pasternak

The aim of this book is to present in one volume the biochemistry and cell biology necessary for an understanding of the molecular basis of medicine. In so far as human biochemistry is studied in order to relate it to human disease, the book explains in molecular terms the basis of that relationship, and in this way provides a useful introduction to the subject for all preclinical medical students, nurses, and biology students taking courses in biochemistry. Illustrated paper cover £4.95 *Oxford Medical Publications*

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Papers presented at the International meeting on Protein Semisynthesis held on 4-8th September, 1977 at Bressanone-Brixen, Alto Adige-Südtirol, Italy

edited by

R. E. Offord and C. Di Bello

June 1978, xiv + 400pp., £11.50/\$22.50 0.12.524350.2

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