

ELECTROCHEMICAL DETECTION TECHNIQUES IN THE APPLIED BIOSCIENCES

Volume 2: Fermentation and Bioprocessor Control, Hygiene and Environmental Sciences

Editor: G.-A. JÜNTER, *Chargé de Recherche, National Centre of Scientific Research (CNRS), University of Rouen, France*

This is the second volume in a new two-part investigation into the expanding topic of electrochemical detection techniques (EDDT), showing a wide range of techniques of the main electrochemical sensors. Volume 2 covers the important areas of fermentation and bioprocessor control, and hygiene and environmental issues; the work is divided into two separate sections, each with its own list of references.

GENETICALLY-ENGINEERED PROTEINS AND ENZYMES FROM YEASTS

Editor: A. WISEMAN, *Department of Biochemistry, University of Surrey*

This text establishes and documents the relationship between yeast genetics, heterologous gene expression and the optimized production of recombinant proteins using yeasts. It provides an extended description of general genetics of important yeasts to include the molecular genetics needed to understand the necessary methods of genetic engineering, using expression vectors containing foreign (heterologous) genes.

HANDBOOK OF ENZYME BIOTECHNOLOGY, Second Edition

Editor: A. WISEMAN, *Department of Biochemistry, University of Surrey*

"a fine, well-written, easy-to-use, and comprehensive book which we recommend to those who either use or produce enzymes" — George W. Maloney and Robert D. Tanner, *Vanderbilt University, on Journal of the American Chemical Society*

"an excellent textbook for students... valuable work of reference to biological scientists of many disciplines from clinical biochemistry to food technology" — *Kanabikova*

PLANT AND ANIMAL CELLS: Process Possibilities

Editors: C. WEBB and F. MAVITUNA, *Department of Chemical Engineering, University of Manchester Institute of Science and Technology*

This book pools together the knowledge and expertise of those working in the fields of plant cell culture and animal cell culture, identifying the likely industrial applications of such technologies to provide the biotechnological products of the future.

"useful, well-typeset, and describes much interesting work... thoroughly recommended" — *Peter Fryer in Endeavour*

UNDERSTANDING HISTOCHEMISTRY

Selection, Evaluation and Design of Biological Stains

R. W. HOROBIN, *Department of Anatomy and Cell Biology, University of Sheffield*

This account of ways in which biological problems may be solved with the aid of histochemical methods, contains information on a wide variety of staining techniques. It offers a technical background to formal educational coursework in the biological sciences, and provides the scientific principles for staining biological specimens.

SULPHUR CONTAINING DRUGS AND RELATED ORGANIC COMPOUNDS:

Chemistry, Biochemistry and Toxicology

Volume 1, Parts A and B: **Metabolism of Sulphur Functional Groups**

Editor: L. A. DAMANI, *Lecturer in Pharmacy, King's College London (KQC)*

This is the first volume in a classic new series of books designed to collate and critically review current knowledge concerning the biochemical mechanisms of biotransformations and drug toxicity. *Sulphur Containing Drugs and Related Organic Compounds* is a comprehensive three-volume work which organises all material on sulphur xenobiochemistry in a "library" of books which will be a standard reference source on the subject for many years to come.



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