

ELLIS HORWOOD SERIES IN
BIOCHEMISTRY AND BIOTECHNOLOGY

Series Editor: Dr ALAN WISEMAN, Senior Lecturer in Biochemistry, University of Surrey

BIOREACTORS IN BIOTECHNOLOGY
A Practical Approach

Editor: A. H. SCRAGG, Department of Science, Bristol Polytechnic

This book covers, in one volume, many aspects of bioreactor use and design in biotechnology. There is coverage of conventional and airlift bioreactor design, instrumentation, control and simulation of bioreactor runs, bioreactors for plant and animal cell culture and a description of experiments. Aimed at final year undergraduates, the book will also be valuable to postgraduates and researchers, as well as a useful laboratory guide.

The book contains contributions from internationally renowned authors making it a very welcome, and extremely useful, addition to the field.

Readership: Advanced undergraduate students of biology, biotechnology, biochemistry and microbiology. Advanced undergraduate and postgraduate students of chemical engineering. Researchers in these areas needing an introduction to bioreactors.

Alan Scragg, prior to the position of Deputy Director at the Wolfson Institute of Biotechnology, was formerly a senior scientist with Cadbury Schweppes plc (1975-83). He was on the staff of the Biochemistry Division of N.I.M.R. in London (1970-75), and was a Postdoctoral Fellow of the University of Wisconsin, USA (1968-70). He was awarded a B.Sc. in Microbiology (1965) from Queen Elizabeth College, University of London, and a Ph.D. in Microbiology (1968) from University College, London. Dr Scragg has contributed chapters in a number of other books and edited a previous book for Ellis Horwood. Entitled *Biotechnology for Engineers: Biological Systems in Technological Processes* it was published in 1988.

ISBN 0-13-085143-4



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