

# ***BIOTECHNOLOGY***

Edited by C. F. PHELPS  
and P. H. CLARKE

The fourteen contributions forming this volume were presented at a London meeting of the Biochemical Society including the Society's Forty-Eighth Symposium 'Biotechnology', in December 1982. With today's increasing pressures to develop latest laboratory findings into practical industrial processes as quickly as possible the chosen theme of this Symposium was a timely one. The papers represent up-to-date reports from international biochemists whose work is of direct relevance to the wide areas of interests concerned with biotechnology, together with glimpses of the early development of its techniques and a look at its exciting future.

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*Preface. How Biotechnology Developed at University College London* by E. M. Crook. *The Future of Biotechnology* by P. Dunnill. *Carbohydrate Transformations by Immobilized Cells* by C. Bucke. *Biological Halogenation and Epoxidation* by S. L. Neidleman & J. Geigert. *High-Productivity Alcohol Fermentations using Zymomonas mobilis* by M. L. Skotnicki, R. G. Warr, A. E. Goodman, K. J. Lee & P. L. Rogers. *The Problem of Lignin Biodegradation* by L. Wallace, A. Paterson, A. McCarthy, U. Raeder, L. Ramsey, M. MacDonald, R. Haylock & P. Broda. *Special Bacterial Polysaccharides and Polysaccharases* by T. Harada. *A New Era of Exploitation of Microbial Metabolites* by A. L. Demain. *Industrial Prospects for Thermophiles and Thermophilic Enzymes* by B. S. Hartley & M. A. Payton. *Anaerobic Fermentations – Some New Possibilities* by J. G. Morris. *Xenobiotic Degradation in Industrial Sewage: Haloaromatics as Target Substrates* by H. J. Knackmuss. *Genetic Analysis and Manipulation of Catabolic Pathways in Pseudomonas* by P. R. Lehrbach & K. N. Timmis. *Plant Cell Cloning and Culture Products* by L. H. Jones. *A Hybrid Promoter and Portable Shine–Dalgarno Regions of Escherichia coli* by H. A. De Boer, L. J. Comstock, A. Hui, E. Wong & M. Vasser. *Subject Index.*

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