

Enzyme Technology

Enzymes are now a material well established in the field of biotechnology. This book is a unique resource for state-of-the-art research findings on biotechnological innovations in the area of industrial and therapeutic enzymes, and special-function and extreme-nature enzymes such as ribozymes, therozymes, cold-adapted enzymes, etc, covering all aspects such as the producing micro-organisms, their mode of cultivation, downstream processing and applications. It provides grèat deal of information on potential of enzymes for their commercial exploitation. It also provides unique insight for a researcher who intends to enter the world of enzymes and gives up-to-date on advances on various topics in the area of enzymes for the experts. The vital informations have been organized in an easy-to-use format that lets reader become familiar with highlights of the most relevant topics and includes photographs, figures, and tables. The topics included in the book have been classified under following main sections:

- General and fundamental aspects
- Industrial enzymes
- Design of bioreactors
- Enzymes applications
- Special enzymes

The book has 36 high quality contributions from internationally recognized experts from Europe, Americas, Asia and Australia. Often enzyme technology is best described as the technology associated with the application of enzymes as the tools of industry, agriculture and medicine; and this is what has been exactly focussed and covered in this book.

The book is a vital resource for practitioners, researchers, and academical working in the areas of biotechnology, biochemical engineering, bioprocess technology, enzyme technology, biochemistry and applied microbiology.

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