Leading experts from all over the world present an overview of the use of enzymes in industry for:

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- food processing and food analysis
- laundry and automatic dishwashing detergents
- the textile, pulp and paper and animal feed industries
- clinical diagnosis and therapy
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Angewandte Chemie

'This book should be available to all of those working with, or aspiring to work with, enzymes. In particular academics should use this volume as a source book to ensure that their 'new' projects will not 'reinvent the wheel'.'

Journal of Chemical Technology and Biotechnology

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**ABOUT THE AUTHOR**

Wolfgang Aehle is a senior scientist for Protein Engineering at Genencor International, a Danisco Company. After finishing his Ph.D. in Organic Chemistry, he discovered the beauty and excitement of working with protein 3D-structures during his postdoc period on molecular modeling of Subtilisin at the GBF in Braunschweig (Germany). Aehle further pursued his career in industry as a protein engineer. He has focused his work on a significant number of industrial enzymes, which are subject of this book. His research interest is driven by the wish to understand the enzyme function in the various industrial applications, whose physical conditions are far from the original environment of the enzymes. The main goal of his work is to improve enzyme function in the industrial environment. His work is documented in numerous scientific publications and patent applications.

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**NEW TO EDITION**

The Third Edition is completely revised: New enzymes, e.g., for baking, the production of bioethanol added, and the regulatory and safety issues have completely changed since the publication of the previous edition

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