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Autore	Lawriwsky, Michael L.
Titolo	Corporate Structure & Performance : The Role of Owners, Managers and Markets / By Michael L. Lawriwsky
Pubbl/distr/stampa	London : Croom Helm : New York : St. Martin's Press, 1984
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Pubbl/distr/stampa	Hoboken, N.J., : Wiley, c2010
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Collana	Chemical biology of enzymes for biotechnology and pharmaceutical applications ; ; v. 1
Altri autori (Persone)	YehWu-Kuang <1942-> YangHsiu-Chiung McCarthyJames R. <1943->
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>ENZYME TECHNOLOGIES; CONTENTS; Contributors; Preface; PART A NEW APPROACHES TO FINDING AND MODIFYING ENZYMES; 1 Functional Metagenomics as a Technique for the Discovery of Novel Enzymes and Natural Products; 2 Directed Enzyme and Pathway Evolution; 3 Combining Natural Biodiversity and Molecular-Directed Evolution to Develop New Industrial Biocatalysts and Drugs; 4 Principles of Enzyme Optimization for the Rapid Creation of Industrial Biocatalysts; PART B BIOCATALYTIC APPLICATIONS; 5 Enzyme Catalysis in the Synthesis of Active Pharmaceutical Ingredients</p> <p>6 Enzymatic Processes for the Production of Pharmaceutical Intermediates7 Novel Developments Employing Redox Enzymes: Old Enzymes in New Clothes; PART C BIOSYNTHETIC APPLICATIONS; 8 Drug</p>

Discovery and Development by Combinatorial Biosynthesis; 9
Reprogramming Daptomycin and A54145 Biosynthesis to Produce
Novel Lipopeptide Antibiotics; 10 Pathway and Enzyme Engineering and
Applications for Glycodiversification; Index

Sommario/riassunto

"Enzyme Technologies in Drug Discovery highlights how, what, and where enzymes have become critical in pharmaceutical and biotechnology research. This book provides in-depth reviews of recent developments in biosynthesis, biocatalysis, and the chemical biology of enzymes. This text discusses enzymatic assays, including emerging assay technologies for key enzyme classes in pharmaceutical research. In addition to new developments in proteomics, this book includes two emerging technologies in life sciences, metabolomics and preclinomics. This volume reviews important progress on the chemical biology of enzymes in the post-genomic era"--
