



Advances in Biotechnology

By Neelu N. Nawani Madhukar Khetmalas P. N. Razdan & Ashok Pandey (Eds)

I.K. International Publishing House Pvt. Ltd, 2014. Hardcover. Book Condition: New. First edition. Biotechnology relates innovations to basic sciences and leads to development of technologies for the benefit of mankind. Past few years have witnessed a good response to Biotechnology in terms of student strength, government support, public-private partnerships and faculty research. Success examples of commercialization of biotechnology related products and processes are leading researchers towards technopreneur programs whole heartedly supported by all countries. This book is an exemplary representation of interdisciplinary research with industrial and societal relevance. The chapters represent advances in various sub-disciplines of Biotechnology with special focus on biological synthesis of industrial compounds, value added products from waste, genetic engineering for novel biomolecules, bioremediation, biofuels and medicinal compounds. The chapters of this book are contributed by eminent academicians and researchers across the globe. The book can be used as a reference book as well as a textbook. Each chapter is well illustrated with relevant figures, tables and references which make the book simple and self-explanatory. 1. Synthetic Potential of Cell Bound Glycosylhydrolases in Alkyl Glycoside and Oligosaccharide Synthesis 2. Biofuels and Value-added Products from Extremophiles 3. Bioproducts from Residual Lignocellulosic Biomass 4. Value-addition to Agro-industrial By-products 5....



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