

Recent Advances in Industrial Biochemistry

Biochemistry is concerned with the chemical processes that occur within living organisms and microorganisms. There have been a number of publications focusing on biochemistry and its use for understanding biochemical and molecular mechanisms, with the majority of the literature focusing on bench scale items. To date there has not been a comprehensive work focusing on the techno-economic and industrial aspects of biochemistry from the microeconomic and pilot scales. This text covers current innovations and advances in plant biochemistry, animal biochemistry, microbial biochemistry and medicinal biochemistry plus potential uses of proteomics, genomics, recombinant DNA technology and protein application. Recent Advances in Industrial Biochemistry focuses on methods for recombinant proteins production and purification plus metabolic engineering and other source technologies from the industrial viewpoint, providing comprehensive, up-to-date information and evidence on contemporary development in the field of industrial biochemistry. The major focus of this book is the key issues, opportunities, approaches, advancements, products, innovations and technologies in current biochemistry from micro scale to production at pilot scale. Chapters highlight the many potential commercial prospects in various industries from food to pharmaceuticals to bioenergy, providing a valuable and unique single resource for researchers.



213,99 €

199,99 € (zzgl. MwSt.)

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783031509889

Medium: Buch

ISBN: 978-3-031-50988-9

Verlag: Springer International Publishing

Erscheinungstermin: 09.05.2024

Sprache(n): Englisch

Auflage: 2024

Produktform: Gebunden

Gewicht: 852 g

Seiten: 449

Format (B x H): 160 x 241 mm

