Biotechnology: From Science to Applications

About the Book

Biotechnology is a broad area of biology. It involves harnessing biomolecular and cellular processes for the creation and development of new products. A few of its major subfields are genomics, recombinant gene techniques and applied immunology. It is also used for the development of pharmaceutical therapies and diagnostic tests. One of the most significant advancements of biotechnology is the production of therapeutic proteins and other drugs through genetic engineering. This book is a valuable compilation of topics, ranging from the basic to the most complex advancements in the field of biotechnology. There has been rapid progress in this field and its applications are finding their way across multiple industries. This book is appropriate for students seeking detailed information in this area as well as for experts.

About the Editor

Suzy Hill received her M.Sc. in Biology and Ph.D. in Biotechnology from the University of Iowa, United States. She is an assistant professor in the department of biology in California, United States. She has written numerous articles and journals on biotechnology and biological engineering. Hill is an experienced researcher in the varied fields of biotechnology and is currently working on the modelling of biological systems.

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