



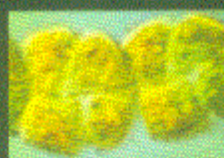
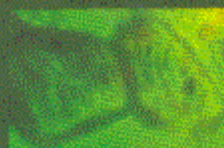
Biotechnology

CONCEPTS AND APPLICATIONS

Editors

Ravishankar Rai Vittal

Rajeev Bhat



Biotechnology: Concepts and Applications focuses on providing comprehensive information on the advancements and facets of various aspects of 'Biotechnology' which has revolutionized the present world. The chapters include developments in pharmaceutical, animal, plant, food and environmental biotechnology.

The book offers in-depth details on Pharmacogenomics, Patho-biotechnology, Stem cells, Antisense technology, Protein engineering, Supercritical fluid extraction of biomolecules, Designing of SSF bioreactors, Bacteriocins, Antioxidants, Recombinant proteins, Whole cell biosensors, Biotechnological exploitation of mushrooms, Microbial secondary metabolites and their clinical applications, Stress tolerance in plants – their functional genomic approach, and on Biopharming and edible vaccines. Aspects relevant to environmental technology has also been covered that includes: Biofertilizer technology, Present global environmental scenario and Application of waste water in Agro-biotechnology. Updated details relevant to Bioinformatics have been discussed in the Biological Databases chapter.

The book will be useful and of high interest for post-graduate students, teachers, researchers and professionals involved in the field of Biotechnology.



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