Advances in Microbial Biotechnology

Current Trends and Future Prospects

Over the last few decades, the rapid and vast development of advanced microbial bioresources and metagenomic techniques has completely transformed the field of microbial biotechnology. Our understanding of microbial diversity, evolutionary biology, and microbial interaction with their animal and plant hosts at molecular level has been revolutionized with an abundance of new research.

This volume focuses on the application of microorganisms for several purposes: for plant protection and improvement, for environmental remediation purposes, and for the improvement of human health.

Key features:

- Provides up-to-date views on the most recent microbial technologies
- Presents advanced research developments in agriculture, environment, and human health
- Provides a detailed collection of biotechnological techniques and methods
- Focuses on the processes used to develop microbial resources and their application
- Includes the basic and applied approaches of microorganisms in agriculture, environment, industry, and health

About the Editors

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