Volume 3, Book 9, 2024, IIP Series

Futuristic Trends in

Biotechnology

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Futuristic Trends in

BIOTECHNOLOGY

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PREFACE

Biotechnology is one of the emerging fields that can add new and better application in a wide range of sectors like health care, service sector, agriculture, and processing industry to name some. This book will provide an excellent opportunity to focus on recent developments in the frontier areas of Biotechnology and establish new collaborations in these areas. The book will highlight multidisciplinary perspectives to interested biotechnologists, microbiologists, pharmaceutical experts, bioprocess engineers, agronomists, medical professionals, sustainability researchers and academicians. This technical publication will provide a platform for potential knowledge exhibition on recent trends, theories and practices in the field of Biotechnology. Aim of the research articles are invited in the following areas of interest, but not limited to

1. Bioprocessing Techniques
2. Biocatalysis
3. Bioseparation
4. Bioreactors
5. Bioenergy
6. Recombinant DNA
7. Cell Fusion
8. Bioremediation
9. Biomarkers
10. Biofuels
11. Fermentation Technology
12. Applications with Technology Support
13. Clinical Engineering
14. Rehabilitation Engineering
15. Neural Systems Engineering
16. Cardiac Bioengineering
17. Physiological System Modeling
18. Instrumentation, Sensors, and Measurement
19. Bio-signal Processing
20. Biomedical Images and Signals
21. Medical and Health Informatics
22. Bioinformatics (including Genomics)

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