

Futuristic Trends in
Biotechnology

Volume 3, Book 4, 2024, IIP Series



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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CONTENTS

PART 1		Page No.
Chapter 1 BIOREACTORS: VESSELS FOR BIOCHEMICAL PRODUCTION AND BEYOND.....		1-18
Chapter 2 ECG SIGNALS AND THEIR IMPLICATIONS IN SIGNIFICANT HEART PATHOLOGIES		19-41
Chapter 3 AN ASSESSMENT OF DIFFERENT DIETARY APPROACHES FOR THE MANAGEMENT OF DIABETES.....		42-60
Chapter 4 FERMENTATION TECHNOLOGY.....		61-73
Chapter 5 INSIGHT INTO ALZHEIMER'S DISEASE DIAGNOSIS AND PROGRESSION.....		73-81
Chapter 6 BIOREMEDIATION: A REMEDIAL MEASURE FOR POLLUTION FREE ENVIRONMENT		82-95
Chapter 7 LATERAL FLOW IMMUNOASSAYS: THE FUTURE OF ON-SITE DETECTION AND DIAGNOSTICS.....		96-111
Chapter 8 BIOREMEDIATION: HARNESSING NATURE'S CLEANUP CREW WITH A SUSTAINABLE APPROACH.....		112-139
Chapter 9 ADVANCED BIOPROCESSING METHODS: ENHANCING PRODUCTION, PROCESSING, AND ISOLATION OF MICROBIAL PRODUCTS.....		140-166
PART 2		
Chapter 1 SESAME GENOME: A BIOTECHNOLOGICAL RESOURCE TO ENSURE NUTRITIONAL SECURITY.....		167-183

Chapter 2 MOLECULAR DOCKING: A ADVANCE BIOINFORMATICS STRATEGY FOR STRUCTURE-BASED DRUG DESIGNING.....	184-196
Chapter 3 RNA SEQUENCING: AN ADVANCE TRANSCRIPTOMICS TECHNOLOGY FROM UNPROCESSED DATA TO INSIGHTFUL INTERPRETATION.....	197-222
Chapter 4 ITRAQ: A PROTEOMIC APPROACH FOR QUANTIFICATION OF PROTEIN AND DATA ANALYSIS.....	223-243
Chapter 5 A REVIEW ON PECTINOLYTIC ENZYME.....	244-256
Chapter 6 GENOME EDITING: THE CUTTING EDGE GENETIC TOOL IN POULTRY PRODUCTION.....	257-262
Chapter 7 RECOMBINANT DNA TECHNOLOGY IN GENOMIC RESEARCH.....	263-292
Chapter 8 MICROBIAL BIOREMEDIATION: ADVANCEMENTS, CHALLENGES, AND FUTURE PROSPECTS.....	293-312
Chapter 9 CURRENT STATUS AND FUTURE PROSPECTS OF GENETICALLY MODIFIED CROP PLANTS IN INDIA.....	313-332
Chapter 10 AN INSIGHT INTO THE BIO-FORTIFICATION IN PULSES TOWARDS GLOBAL NUTRITIONAL SECURITY.....	333-346



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