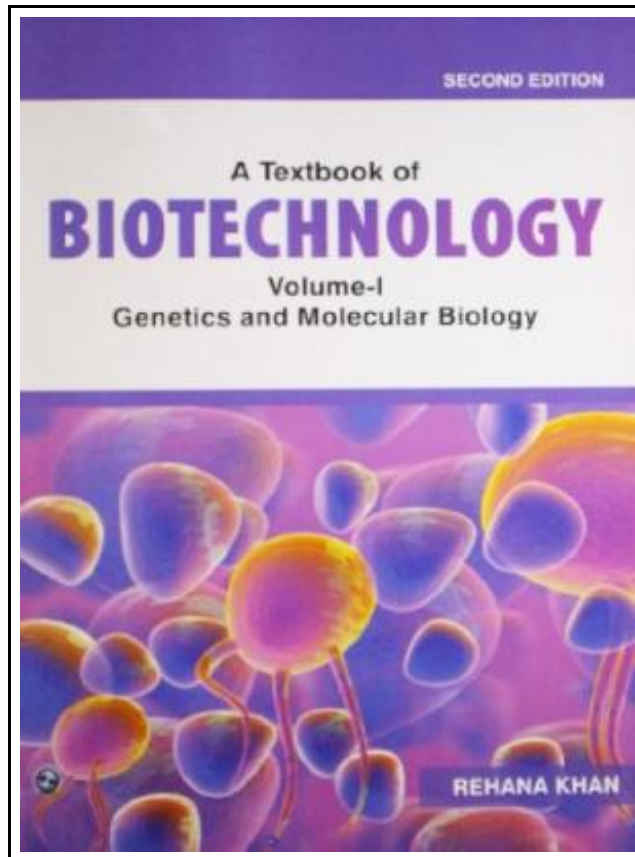


A Textbook of Biotechnology Volume-I Genetics and Molecular Biology



Filesize: 1.69 MB

Reviews

*An extremely awesome pdf with lucid and perfect reasons. I was able to comprehend everything using this published e pdf. You can expect to like how the blogger compose this pdf.
(Miss Peggie Sanford I)*

A TEXTBOOK OF BIOTECHNOLOGY VOLUME-I GENETICS AND MOLECULAR BIOLOGY

DOWNLOAD



To get **A Textbook of Biotechnology Volume-I Genetics and Molecular Biology** PDF, make sure you refer to the hyperlink listed below and save the ebook or get access to additional information which might be in conjunction with A TEXTBOOK OF BIOTECHNOLOGY VOLUME-I GENETICS AND MOLECULAR BIOLOGY book.

Laxmi Publications Pvt. Ltd, 2010. Softcover. Book Condition: New. 2nd edition. The book is intended for undergraduate students of pure and applied sciences for Indian universities. A Textbook of Biotechnology which may cover all the major domains of human activity and welfare ranging from agriculture to medicine and environment was long awaited. This book is a successful attempt in this direction. Contents: UNIT-I 1. Chromosomes : Chemical Composition 2. Structural Organization of Chromatids 3. Special Chromosomes 4. Structural and Numerical Aberrations involving Chromosomes 5. Nature of Genetic Material : Nucleic Acids 6. Structure of DNA 7. DNA Replication in Prokaryotes and Eukaryotes UNIT-II 8. Molecular Basis of Life, Mendelian's Laws of Inheritance and Gene Interaction 9. Banding Pattern in Human Chromosomes 10. Sex Determination in Animals, Sex Linkages 11. Non-disjunction as Proof of Chromosomal Theory 12. Linkage and Mapping Gene in Pro and Eukaryotes 13. Interference and Coincidence in Pro and Eukaryotes 14. Hereditary Defect-Klinefelter, Turner, Cri-du-Chat and Down Syndrome UNIT-III 15. Structure of Prokaryotic Gene, Prokaryotic Transcription, Translation and Gene Expression (Lac, His Trp, Catabolic Repression) 16. Structure of Eukaryotic Gene, Eukaryotic Transcription, Translation and Gene Expression Transcription Factors 17. One Gene-One Enzyme Hypothesis 18. DNA Recombination: Molecular Mechanism in Prokaryotic and Eukaryotic Organisms 19. Gene Expression in Yeast 20. Gene Expression in Protozoan Parasites 21. Gene Organization and Expression in Mitochondria and Chloroplast UNIT-IV 22. Basic Microbial Genetics, Conjugation, Transduction and Transformation 23. Insertion Elements and Transposons 24. Mitochondrial and Chloroplast Genetic System 25. Extra Chromosomal Inheritance 26. Post Translation Regulation of Gene Expression 27. Development and Environmental Regulation of Gene Expression 28. Population Genetics UNIT-V 29. Mutations-Spontaneous and Induced 30. Chemical and Physical Mutagens 31. Induced Mutations in Microbes and Animals for Economic Benefit of Man 32. Isolation of Auxotrophs 33. Replica Plating Technique 34. Analysis of...



[Read A Textbook of Biotechnology Volume-I Genetics and Molecular Biology Online](#)
[Download PDF A Textbook of Biotechnology Volume-I Genetics and Molecular Biology](#)

See Also



[PDF] Lans Plant Readers Clubhouse Level 1

Follow the link listed below to get "Lans Plant Readers Clubhouse Level 1" PDF file.

[Download eBook »](#)



[PDF] Too Old for Motor Racing: A Short Story in Case I Didn't Live Long Enough to Finish Writing a Longer One

Follow the link listed below to get "Too Old for Motor Racing: A Short Story in Case I Didn't Live Long Enough to Finish Writing a Longer One" PDF file.

[Download eBook »](#)



[PDF] Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home (Paperback)

Follow the link listed below to get "Homeschool Your Child for Free: More Than 1,400 Smart, Effective, and Practical Resources for Educating Your Family at Home (Paperback)" PDF file.

[Download eBook »](#)



[PDF] I Am Reading: Nurturing Young Children's Meaning Making and Joyful Engagement with Any Book (Paperback)

Follow the link listed below to get "I Am Reading: Nurturing Young Children's Meaning Making and Joyful Engagement with Any Book (Paperback)" PDF file.

[Download eBook »](#)



[PDF] Skills for Preschool Teachers, Enhanced Pearson eText - Access Card

Follow the link listed below to get "Skills for Preschool Teachers, Enhanced Pearson eText - Access Card" PDF file.

[Download eBook »](#)



[PDF] Readers Clubhouse B Just the Right Home (Paperback)

Follow the link listed below to get "Readers Clubhouse B Just the Right Home (Paperback)" PDF file.

[Download eBook »](#)