



A Textbook of Biotechnology Volume-I Genetics and Molecular Biology

By Rehana Khan

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...



[READ ONLINE](#)

Reviews

These sorts of ebook is the perfect publication accessible. I really could comprehend every little thing out of this created e ebook. I am very happy to inform you that this is basically the very best ebook i actually have study within my personal life and might be he finest pdf for ever.

-- **Favian O'Kon**

This is basically the very best publication i actually have go through until now. It really is loaded with knowledge and wisdom I realized this publication from my i and dad encouraged this publication to discover.

-- **Bryana Klocko III**