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Handbook of Genetics and Biotechnology

By edited by Rukum S. Tomar, Sunil V Patel, Manoj V Parakhia and B A Golakiya

New India Publishing Agency, 2014. Hardcover. Book Condition: New. Dust Jacket Condition: New. 1st Edition. Contents: 1. Introduction to genetics and biotechnology. 2. Cells, its development and division. 3. Mendel and his discoveries. 4. Extensions and exceptions to Mendel's laws. 5. Genetic mapping and gene regulation in prokaryotes. 6. Genetic mapping and gene regulation in eukaryotes. 7. Genetic transfer in bacteria and bacteriophages. 8. Sex determination and development. 9. Chromosomes. 10. Variation in chromosome structure and number. 11. DNA structure and replication. 12. Gene transcription and RNA modification. 13. Translation of RNA. 14. Chemistry of Gene. 15. Gene mutation and DNA repair technology. 16. Recombination and transposition at the molecular level. 17. Recombinant DNA technology. 18. Genome analysis and its uses. 19. Functional genomics, proteomics and bioinformatics. 20. Genomics and the future. 21. Genetics of cancer. 22. Developmental genetics. 23. Quantitative genetics. 24. Population genetics. 25. Evolutionary genetics. 26. Relative reading. This book consists of 27 chapters, more than 5000 questions with answers and a glossary covering most of the related technical terms. Each chapter starts with a point-wise brief of the text followed by MCQ's, fill in the blanks and T/F questions useful and beneficial in JRF, SRF, NET,...



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Reviews

Very helpful to all class of folks. Better than never, though I am quite late in starting reading this one. You can expect to like just how the blogger created this pdf.

-- **Mandy Larson**

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