



Molecular Genetics (Hardback)

By S. S. Sambamurty

Alpha Science International Ltd, United Kingdom, 2007.
Hardback. Book Condition: New. 244 x 193 mm. Language: English . Brand New Book. Molecular Genetics discusses the molecular mechanisms of life processes like: DNA structure and function, recombination and mutation, protein synthesis and genetic code. Beginning with the chemistry of proteins, carbohydrates, enzymes, lipids and the nature of the chemical bond followed by DNA structure, its discovery, the Watson-Crick model, its chemistry and the bond angles and energies along with the mechanisms of DNA duplication. Protein synthesis, genetic code and gene regulation that go together in gene action are discussed in detail. In Immuno Genetics: different forms of gene interactions, Antigen: antibody reactions; in Cancer Genetics: the origin and the mode of action and cure of several genetic diseases; in Biotechnology: the most modern methods of gene action, cure of several genetic diseases by gene therapy and in Molecular Human Genetics: several diseases caused by somatic genes and sex related genes are discussed in detail.



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