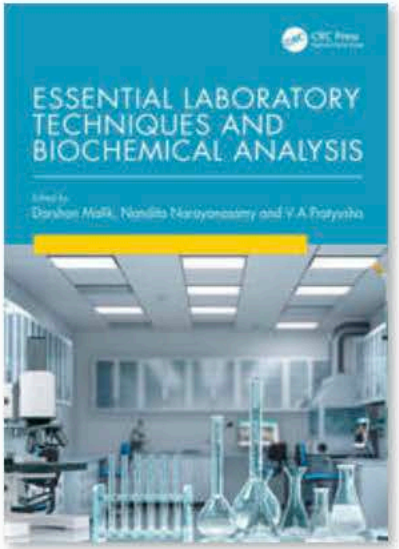


Book

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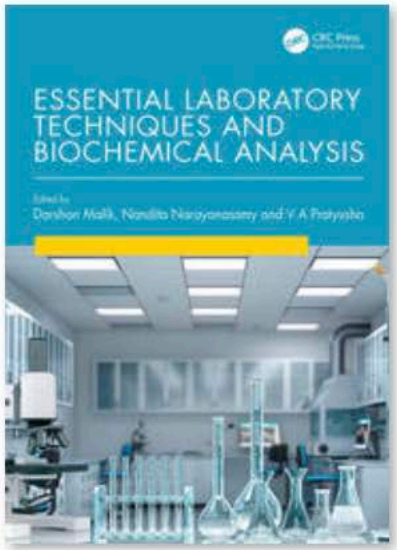
Edited By Darshan Malik, Nandita Narayanasamy, V A Pratyusha

Edition	1st Edition
First Published	2025
eBook Published	9 September 2025
Pub. Location	Boca Raton
Imprint	CRC Press
DOI	https://doi.org/10.1201/9781003538691
Pages	416
eBook ISBN	9781003538691
Subjects	Bioscience

Accessibility Information

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Citation



Chapter

Nucleic Acids

By Vandana Malhotra

Book Essential Laboratory Techniques and Biochemical Analysis

Edition	1st Edition
First Published	2025
Imprint	CRC Press
Pages	25

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ABSTRACT

Nucleic acids are one of the most essential biomolecules that play a crucial role in the storage, transmission, and expression of genetic information in all living organisms. They are polymers composed of nucleotide monomers, and the two primary types of nucleic acids are deoxyribonucleic acid (DNA) and ribonucleic acid (RNA). The chapter provides a comprehensive overview of nucleic acids, their structures, types and functions. The experiments outlined in this chapter aim to facilitate learning about the characteristic properties of nucleic acids and describe methods for their isolation and purification from cells and tissues.