Abstract

Biomolecules, including nucleic acids, proteins, carbohydrates, and lipids, are essential to all forms of life, serving as the building blocks and functional components of cells. This review explores the diverse roles of these biomolecules in cellular processes and their implications in health and disease. Nucleic acids, such as DNA and RNA, encode and translate genetic information crucial for protein synthesis. Proteins, with their varied structures and functions, are

Citation: Carolyn B (2024) Exploring the Diverse Roles of Biomolecules in Cellular Functions and Disease. Cell Mol Biol, 70: 338.