The Molecules Of Life Kuriyan Stormrg

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Voet, Voet and Pratt's Fundamentals of Biochemistry, 5th Edition addresses the enormous advances in biochemistry, particularly in the areas of structural biology and Bioinformatics, by providing a solid biochemical foundation that is rooted in chemistry to prepare students for the scientific challenges of the future. While continuing in its tradition of presenting complete and balanced coverage that is clearly written and relevant to human health and disease, Fundamentals of Biochemistry, 5e includes new pedagogy and enhanced visuals that provide a pathway for student learning.

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The Molecules of LifeFirst EditionW.W. Norton & Company

"Key to making future advances in the areas of biochemistry and molecular medicine is a new generation of molecular biologists and biochemists who are able to harness the tools and insights of physics and chemistry to exploit the emergence of genomic and systems-level information in biology.The basic ideas of energy, entropy, equilibrium thermodynamics, transport processes and reaction kinetics are closely related to exciting issues in contemporary biology, such as protein folding, chaperones and prion diseases, DNA polymerase and ribosome fidelity, DNA recognition, drug design, signal transduction, ion channel function, motor protein action and the versatility of enzyme mechanism. Providing this physical chemistry and biochemical foundation is The "Molecules of Life", a new undergraduate textbook for undergraduate students majoring in biology or pre-med. It deepens our understanding of how life functions by illuminating the physical principles underpinning biological phenomena"--Provided by publisher.

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