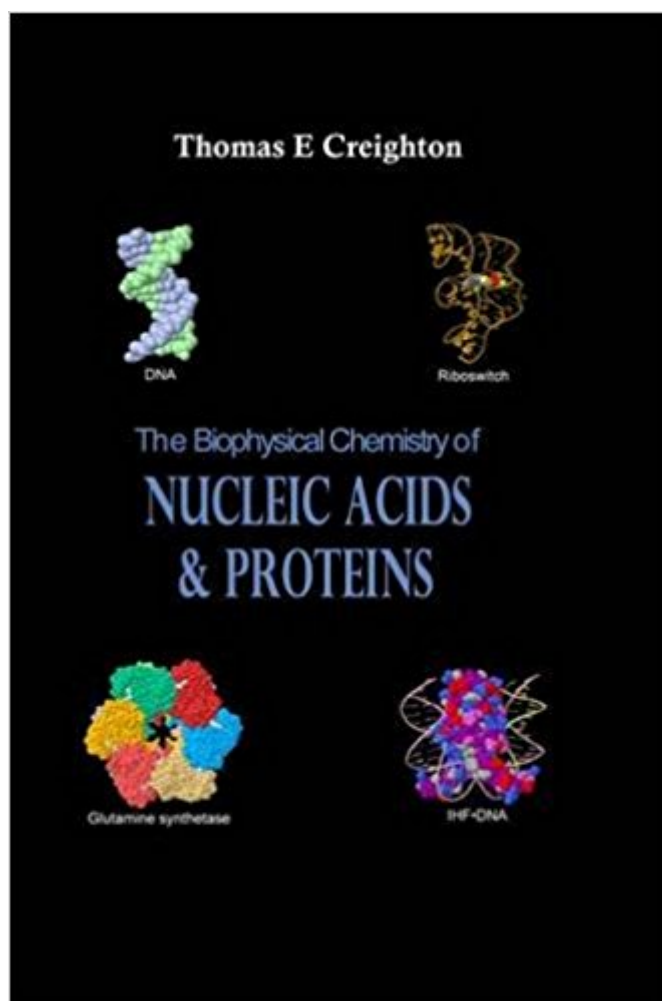


The book was found

The Biophysical Chemistry Of Nucleic Acids And Proteins



Synopsis

Who will buy this book? University students and scientists in the biological sciences. DNA, RNA and proteins are undoubtedly the most important biological molecules. Being large macromolecules, their physical, chemical and biological properties can differ dramatically from those of the monomers from which they are made. Described here are their primary, secondary, tertiary and quaternary structures; their evolutionary origins; their unfolding and refolding; their chemical synthesis and manipulation; their physical interactions with other molecules, which often result in catalysis of chemical reactions in one or both of them; and the various ways in which the catalytic activities of enzymes are controlled and regulated. Colour is used liberally throughout the volume to enhance the many illustrations.

Book Information

Paperback: 816 pages

Publisher: Helvetian Press (June 10, 2010)

Language: English

ISBN-10: 0956478115

ISBN-13: 978-0956478115

Product Dimensions: 8.2 x 1.4 x 10.9 inches

Shipping Weight: 5 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #934,892 in Books (See Top 100 in Books) #80 in [Books > Science & Math > Chemistry > Crystallography](#) #206 in [Books > Science & Math > Biological Sciences > Biophysics](#) #244 in [Books > Computers & Technology > Computer Science > Bioinformatics](#)

Customer Reviews

Thomas E. Creighton is retired, after a career in academia at Caltech, Stanford and Yale Universities, the MRC Laboratory of Molecular Biology at Cambridge, England, and the European Molecular Biology Laboratory at Heidelberg, Germany. He is the author of two editions of *Proteins: Structures and Molecular Properties* published by W. H. Freeman and has edited the four-volume *Encyclopedia of Molecular Biology* and the five-volume *Encyclopedia of Molecular Medicine* for Wiley-Interscience, two editions of *Protein Structure: A Practical Approach* and *Protein Function: A Practical Approach* for IRL Press at Oxford University Press, and the volume *Protein Folding* for W. H. Freeman.

[Download to continue reading...](#)

The Biophysical Chemistry of Nucleic Acids and Proteins Biological Sequence Analysis:
Probabilistic Models of Proteins and Nucleic Acids Nucleic Acids in Chemistry and Biology: RSC
Nucleic Acids in Chemistry and Biology Biophysical Characterization of Proteins in Developing
Biopharmaceuticals Acids and Bases - Food Chemistry for Kids | Children's Chemistry Books
Biophysical Chemistry Boronic Acids in Saccharide Recognition: RSC (Monographs in
Supramolecular Chemistry) HPLC in Nucleic Acid Research: Methods and Applications
(Chromatographic Science Series) Ace General Chemistry I and II (The EASY Guide to Ace
General Chemistry I and II): General Chemistry Study Guide, General Chemistry Review Study
Guide: Ace Organic Chemistry I - The EASY Guide to Ace Organic Chemistry I: (Organic Chemistry
Study Guide, Organic Chemistry Review, Concepts, Reaction Mechanisms and Summaries)
Chemical Approaches to the Synthesis of Peptides and Proteins (New Directions in Organic &
Biological Chemistry) Bioelectromagnetics: Biophysical Principles in Medicine and Biology (Issues in
Biomedicine, Vol. 12) Failing States, Collapsing Systems: BioPhysical Triggers of Political Violence
(SpringerBriefs in Energy) The Mekong: Biophysical Environment of an International River Basin
(Aquatic Ecology) Amino Acids: The Way to Health and Wellness: Find Health and Healing from
Depression, Addictions, Obesity, Anxiety, Sexual Issues, and Fill Nutritional Needs of Vegetarian
and Vegan Diets Human Longevity: Omega-3 Fatty Acids, Bioenergetics, Molecular Biology, and
Evolution Taurine and the Heart: Proceedings of the Symposium Annexed to the 10th Annual
Meeting of the Japanese Research Society on Sulfur Amino Acids Osaka, ... (Developments in
Cardiovascular Medicine) Fruit Acids for Fabulous Skin The Handbook of Microbial Metabolism of
Amino Acids

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)