



DOWNLOAD



Biochemistry (Lange USMLE Road Map Series)

By Richard G. MacDonald, William G. Chaney

McGraw-Hill Medical/ Jaypee Brothers Medical Publishers, 2007. Softcover. Book Condition: New. First edition. You`ll never find an easier, more efficient, and more focused way to ace biochemistry and biochemistry-related questions on the USMLE and course examinations than the USMLE Road Map. Designed to provide maximum learning in minimum time, this fully updated USMLE Road Map offers a concise, creative, and well-illustrated approach to mastering biochemistry. Table of contents

1. Physiological Chemistry and Bonding
 - A. Water as biochemical solvent
 - B. Hydrogen bonding
 - C. pH and buffers
 - D. Other non-covalent interactions
 - E. Fat-water interfaces
2. Protein Structure and Function
 - A. Amino acids
 - B. Primary structure?protein sequence
 - C. Secondary structures??-helix and ?-sheet
 - D. Tertiary structure?domains
 - E. Quaternary structure?subunits
 - F. Fibrous proteins?collagen and elastin
 - G. Globular proteins?myoglobin and hemoglobin
 - H. Folding and chaperones
3. Enzyme Structure and Function
 - A. Types of enzymes?classification
 - B. Kinetics?Michaelis-Menten enzymes
 - C. Inhibition
 - D. Allosteric regulation
 - E. Mechanisms?chymotrypsin and ribonuclease
4. DNA Structure and Function
 - A. Purine and pyrimidine bases
 - B. The DNA molecule
 - C. Packaging into chromatin
 - D. Replication
 - E. Recombination and repair
5. RNA Structure and Function
 - A. RNA structures? mRNA, rRNA, tRNA
 - B. Transcription
 - C. Splicing
 - D. Ribonucleoprotein complexes
6. DNA and Chromosome Analysis
 - A. Hybridization
 - B. Nucleic acid electrophoresis
 - C. Northern...

Reviews

If you need to adding benefit, a must buy book. It can be loaded with wisdom and knowledge I discovered this ebook from my dad and i encouraged this pdf to discover.

-- **Darrin Kutch**

This publication might be well worth a read through, and much better than other. It is amongst the most incredible book i actually have read through. I am delighted to tell you that here is the finest book i actually have read through inside my own life and could be he best ebook for possibly.

-- **Aracely Hickie**