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authors dave nelson and mike cox combine the best of the laboratory and best of the classroom introducing exciting new developments while communicating basic principles of biochemistry

lehninger s principles of biochemistry earned acclaim for its presentation and organization of complex concepts and connections anchored in the principles of biochemistry this legacy continues in the eighth edition with a new framework that highlights the principles and supports student learning

the new sixth edition of this best selling introduction to biochemistry maintains the clarity and coherence that so appeals to students whilst incorporating the very latest advances in the field new worked examples and end of chapter problems and an improved artwork programme to highlight key processes and important lessons this multi media pack contains the print

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lehninger principles of biochemistry is 1 bestseller for the introductory biochemistry course because it brings clarity and coherence to an often unwieldy discipline offering a thoroughly updated survey of biochemistry s enduring principles definitive discoveries and groundbreaking new advances with each edition this new seventh edition maintains the qualities that have distinguished the text since albert lehninger s original edition clear writing careful explanations of difficult concepts helpful problem solving support and insightful communication of contemporary biochemistry s core ideas new techniques and pivotal discoveries again david nelson and michael cox introduce students to an extraordinary amount of exciting new findings without an overwhelming amount of extra discussion or detail and with this edition w h freeman and sapling learning have team up to provide the book s richest most completely integrated text media learning experience yet through an extraordinary new online resource saplingplus

for introductory courses in biochemistry may be taught out of departments of chemistry biology or biochemistry this concise introductory text focuses on the basic principles of biochemistry filling the gap between the encyclopedic volumes and the cursory overview texts widely praised in its previous edition for accuracy currency and clarity of exposition the new edition has been thoroughly revised and updated to reflect recent changes in this dynamic discipline unique focus on principles and underlying themes of biochemistry balanced coverage of biomolecular structure function metabolism and molecular biology includes a chapter on photo synthesis strong chemical focus including mechanisms of reactions and attention to the physical chemistry of biomolecules authoritatively written by a collaborative team of experts chapters on amino acid lipid and nucleotide metabolism stress core concepts new completely updated to reflect the latest understanding and discoveries in biochemistry and maintaining the standard of currency and accuracy set by the previous edition new new developments in the area of gene expression including the structure of rna polymeras

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