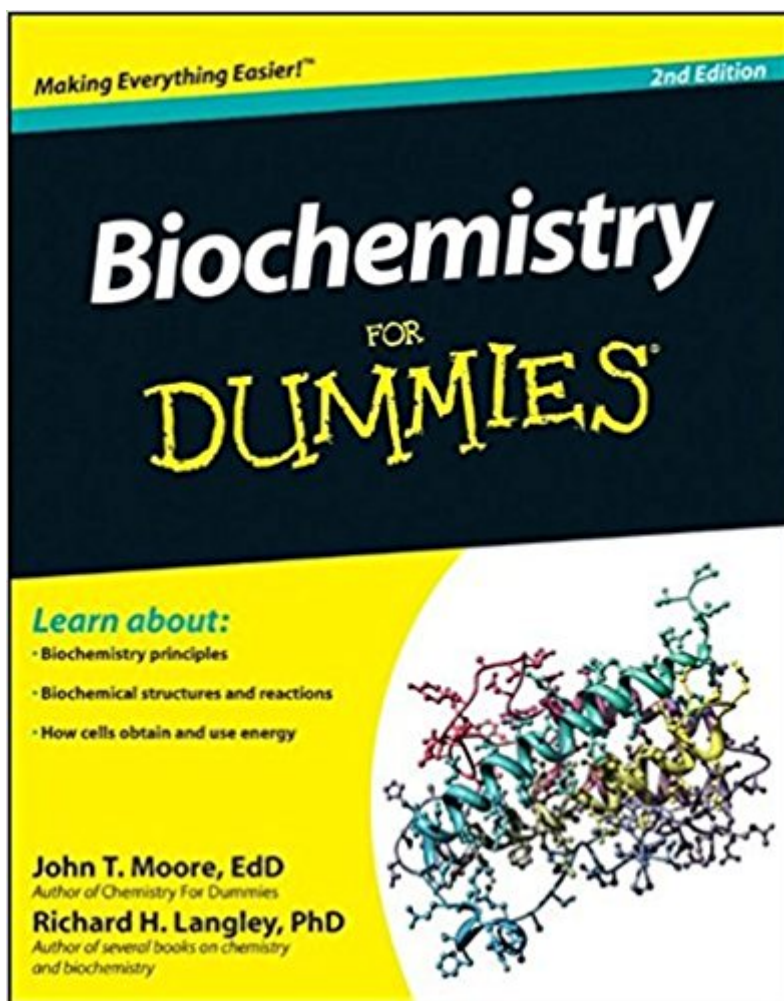




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# Biochemistry For Dummies



## Synopsis

Grasp biochemistry basics, apply the science, and ace your exams Are you baffled by biochemistry? If so here's the good news ? you don't have to stay that way! Biochemistry For Dummies shows you how to get a handle on biochemistry, apply the science, raise your grades, and prepare yourself to ace any standardized test. This friendly, unintimidating guide presents an overview of the material covered in a typical college-level biochemistry course and makes the subject easy to understand and accessible to everyone. From cell ultrastructure and carbohydrates to amino acids, proteins, and supramolecular structure, you'll identify biochemical structures and reactions, and send your grades soaring. Newest biology, biochemistry, chemistry, and scientific discoveries Updated examples and explanations Incorporates the most current teaching techniques From water biochemistry to protein synthesis, Biochemistry For Dummies gives you the vital information, clear explanations, and important insights you need to increase your understanding and improve your performance on any biochemistry test.

## Book Information

Paperback: 360 pages

Publisher: For Dummies; 2 edition (August 9, 2011)

Language: English

ISBN-10: 1118021746

ISBN-13: 978-1118021743

Product Dimensions: 7.3 x 0.8 x 9.2 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: 4.0 out of 5 stars 79 customer reviews

Best Sellers Rank: #25,698 in Books (See Top 100 in Books) #56 in Books > Engineering & Transportation > Engineering > Bioengineering > Biochemistry #293 in Books > Science & Math > Chemistry #442 in Books > Textbooks > Science & Mathematics > Biology & Life Sciences

## Customer Reviews

Grasp biochemistry basics, apply the science, and ace your exams Are you baffled by biochemistry? If so, here's the good news â" you can send your grades soaring! This friendly guide presents an easy-to-follow overview of the material covered in a typical college-level biochemistry course. From cell ultrastructure and carbohydrates to amino acids, proteins, and supramolecular structure, Biochemistry For Dummies, 2nd Edition provides clear written and visual explanations of complicated concepts. Biochemistry 101 â" get the scoop on biochemistry basics, dive into water

chemistry, and review organic chemistry concepts Sink your teeth into proteins â” discover everything you need to know about amino acids, protein structure and function, and enzyme kinetics Get a craving â” get the skinny on carbohydrates, lipids and membranes, nucleic acids, vitamins, and hormones Life is a highway â” take a look at bioenergetics and pathways to get a handle on ATP and energy, metabolism, electron transport, biosynthesis, and more It's in your genes â” learn about the fascinating subject of genetics and understand how DNA is photocopied and replicated to make us who we are Open the book and find: A review of cell types and their structures The role of carbon in the study of life Properties of amino acids Structure levels of proteins The scoop on enzymes and catalysts A primer on nucleic acids Hundreds of figures that illustrate biochemical structures Real-world examples that connect biochem concepts to everyday life Learn about: Biochemistry principles Biochemical structures and reactions How cells obtain and use energy

John T. Moore, EdD, teaches chemistry at Stephen F. Austin University in Texas and is the author of Chemistry For Dummies. Richard Langley, PhD, grades the free-response portion of the AP Chemistry Exam. Together with John, he authored Organic Chemistry II For Dummies.

Quality was great.Product was great.Book was phenomenal.Saved me in biochem that semester. Highly recommend for anyone taking a college level bio chemistry course.

I had looked at a library copy of this and saw the missing reaction arrows and held off on buying it. I finally did buy it just to get an introduction.In the second printing (NOT second edition) the reaction arrows are present - though they are shown as two double-headed arrows rather than the standard two single headed arrows.But errors remain. For example, the formulas for valine and isoleucine inside the front cover are wrong. They have too many hydrogens on one of the carbon atoms. I don't know how many more of these there are.It's really not a bad book but the errors drive me nuts.

I did not find this book helpful at all, it was like purchasing another BioChem textbook. I've used books like these before for other subjects (Statistics for example) and found them to be much more useful. I expect these books to have helpful insight on how to learn these concepts, or tricks or hints to help with the learning. I found none of the above and returned the book. Youtube Kahn Academy videos (and other similar) for free were much more helpful.

This is a good review of biochemistry. The only drawback is that many of the figures are clipped because of the formatting.

This book is an excellent review of concepts before taking a biochem class, touching broadly on all biochem subjects, not going into great detail. This will probably help the learner to absorb more when taking the actual biochem class. I enjoyed the chemical structures included and real life examples which made the material relatable. I would suggest reading this book before taking a biochem class, but do NOT use as supplement when taking the class.

Well written

The book and content is excellent. However, upon translating the text to an electronic format symbols like reaction arrows and equilibrium arrows appear as boxes. This is extremely inconvenient and causes confusion about certain biochemical processes

This is a very good book for those who want a quick revision on this subject, or those who want a quick leading-up on the subject of Biochemistry. A good basic knowledge on Chemistry would definitely help prior reading this book.

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