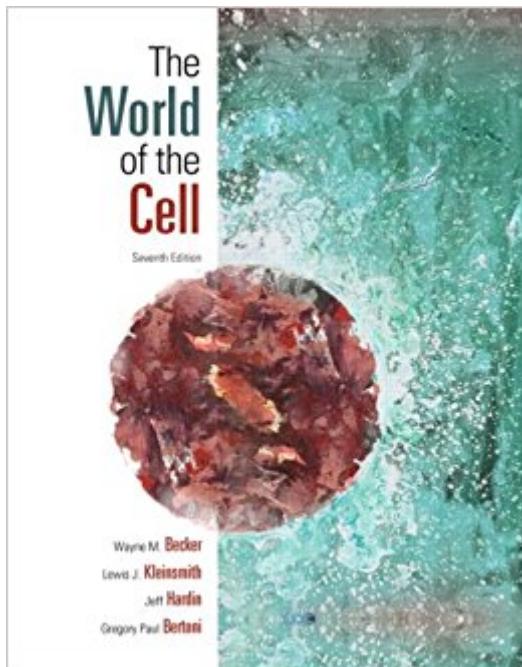


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The World Of The Cell, 7th Edition



Synopsis

Continuing the tradition of its widely-praised previous editions, *The World of the Cell*, 7/e, covers some of the most difficult concepts for readers—“bioinformatics, bioenergetics, metabolism, enzyme kinetics, thermodynamics, membrane transport, cell signaling, regulatory mechanisms, transcription and translation, signal transduction, and DNA replication and recombination—at the right level of depth and clarity.

KEY TOPICS: A Preview of the Cell, The Chemistry of the Cell, The Macromolecules of the Cell, Cells and Organelles, Bioenergetics: The Flow of Energy in the Cell, Enzymes: The Catalysts of Life, Membranes: Their Structure, Function, and Chemistry, Transport Across Membranes: Overcoming the Permeability Barrier, Chemotrophic Energy Metabolism: Glycolysis and Fermentation, Chemotrophic Energy Metabolism: Aerobic Respiration, Phototrophic Energy Metabolism: Photosynthesis, The Endomembrane System and Peroxisomes, Signal Transduction Mechanisms: I. Electrical and Synaptic Signaling in Neurons, Signal Transduction Mechanisms: II. Messengers and Receptors, Cytoskeletal Systems, Cellular Movement: Motility and Contractility, Beyond the Cell: Cell Adhesion, Cell Junctions, and Extracellular Structures, The Structural Basis of Cellular Information: DNA, Chromosomes, and the Nucleus, The Cell Cycle, DNA Replication, and Mitosis, Sexual Reproduction, Meiosis, and Genetic Recombination, Gene Expression: I. The Genetic Code and Transcription, Gene Expression: II. Protein Synthesis and Sorting, The Regulation of Gene Expression, Cancer Cells, Principles and Techniques of Microscopy.

MARKET: For all readers interested in molecular biology.

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Customer Reviews

I think the recent reviews of this book have been unfair. I have looked at the beginning chapters of this recent (6th)revision and I think the book has remained a great quality Cell Biology book. As stated in other reviews, the book is detailed, but most good schools will require you to know at least the level of detail presented in this book and likely more. I found this book to be an excellent preparation for more advanced classes in Cell Biology (which used Alberts) and Biochemistry. The book is organized to make sure the students have the underlying knowledge to successfully understand more complex concepts later. The only major drawback of this book is that Alberts exists and the eloquence and sophistication in Alberts is lacking in Becker's World of the Cell. That said, I still recommend this book for people needing to know and understand all the basics of Cell biology/biochemistry.

I know that Cell Biology is a difficult subject to master, so there will always be shortcomings in a textbook's ability to communicate the subject in an understandable fashion. However, I thought this book was awesome. I followed the text entirely. I loved the fact that this text was an introductory text and didn't assume that the reader has previous knowledge of the subject. The authors explained everything. In later chapters of the book, they would summarize previously mentioned material, and reference you to the appropriate section of the book if you needed a more in-depth recap. The figures and tables are incredibly helpful in visualizing what is going on within each molecular process. Like I said, loved this book. I will say that I didn't find the CD-ROM helpful at all, but I won't dock points from such a good book for that reason. Good luck to everyone with your studies. Hope you enjoy the text.

I am in awe of the usability of this book. The subject matter is not trivial, but is presented in a very logical, step-by-step sequence. Illustrations are in color and strongly reinforce the text. I was able to learn the material without the benefit of attending a class on the subject. Bravo to the Authors and the Publisher, Benjamin Cummings.

I purchased this book for my cell molec class. This book is very wordy, meaning that although there were explanations they were very confusing. I mostly had to go on khan academy to understand concepts. If I had a choice I wouldn't have bought this book

This is a very good book for basic cell biology and is a good starting point for undergraduate students. Goes into a fair amount of detail when appropriate but doesn't bog down on endless bits of information that are not relevant to the undergraduate student.

I have a BS in biology and continue to buy various cell biology (and other biology) texts. I already have 2 editions of "World of the Cell" (including this 7th edition) and am buying the newest (8th) edition now. But I noticed that the average customer rating for this edition was only 3 stars. That's ridiculous!"The World of the Cell" series is my favorite on cell biology. It gives a great amount of detail but at the same time starts from square one and explains everything along the way in a clear, well-organized manner; and the diagrams are excellent. They are great undergraduate-level cell biology texts. The 7th edition is no exception.

the textbook is very very inclusive. there is lots of information so u have to read it many times to filter out what u need for your class's needs. it isn't impossible to read but u definitely need to read it over a bit to grasp the content. slides online and those provided by the teacher TAUGHT me the material and the text just reenforced it.

The estimated delivery date was around a 3 week period. I received mine after about 2 weeks, Fed-Ex delivered in a small box and in the condition as described. You really can't find textbooks for \$0.30 anywhere. I was thrilled to happen upon this deal, so I snagged it quickly. I had rented the same book from another company for about \$45, but returned it once I saw this steal on . College life -can- be affordable with awesome deals like this one. Thank you!

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