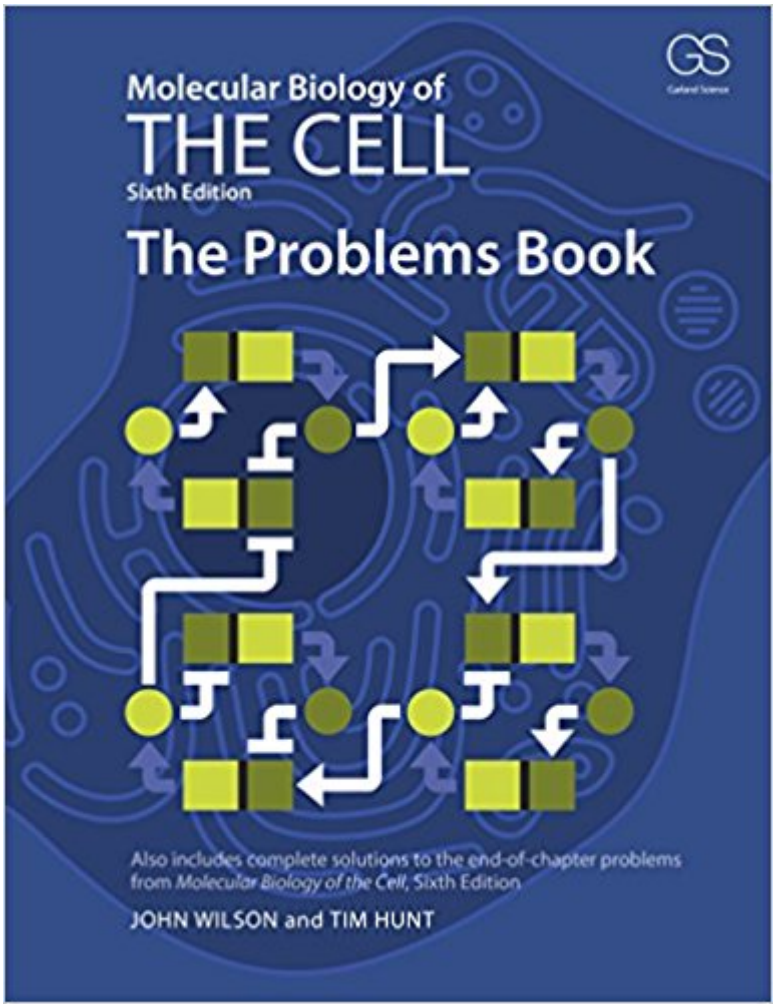
Ebook Directory
the best source of ebook

The book was found

Molecular Biology Of The Cell: The Problems Book



PDF
Adobe
DOWNLOAD EBOOK

Synopsis

The Problems Book helps students appreciate the ways in which experiments and simple calculations can lead to an understanding of how cells work by introducing the experimental foundation of cell and molecular biology. Each chapter reviews key terms, tests for understanding basic concepts, and poses research-based problems. The Problems Book has been designed to correspond with the first twenty chapters of Molecular Biology of the Cell, Sixth Edition.

Book Information

File Size: 51781 KB

Print Length: 984 pages

Publisher: Garland Science; 6 edition (November 21, 2014)

Publication Date: November 21, 2014

Sold by:Ã Â Digital Services LLC

Language: English

ASIN: B00QFMK2HS

Text-to-Speech: Not enabled

X-Ray for Textbooks: Enabled

Word Wise: Not Enabled

Lending: Not Enabled

Enhanced Typesetting: Not Enabled

Best Sellers Rank: #164,750 Paid in Kindle Store (See Top 100 Paid in Kindle Store) #18 inÃ Â Kindle Store > Kindle eBooks > Nonfiction > Science > Biological Sciences > Biology > Cell Biology #21 inÃ Â Kindle Store > Kindle eBooks > Nonfiction > Science > Biological Sciences > Biology > Molecular Biology #30 inÃ Â Kindle Store > Kindle eBooks > Nonfiction > Science > Biological Sciences > Biology > Microbiology

Customer Reviews

This is the "Problems Book" that goes with the sixth edition ofÃ Â Molecular Biology of the Cell. Doesn’t sound all that exciting does it? But actually the problems book is just as fascinating and informative as the textbook it’s a companion for. And there have been enormous improvements over the previous (fifth) edition here too. I’ve been working my way through the new edition of MBoC and loving it, and just got around to taking a look at this new problems book and WOW.The problems typically start out with an interesting fact and then ask you a question about it that will require some creative thought. The background information provided for each question is often fascinating and

goes into all sorts of areas with detail that there isn't room for in the main textbook. Here's an example question from p.6:"1-45: Giardiasis is an acute form of gastroenteritis caused by the protozoan parasite Giardia lambila. Giardia is a fascinating eukaryote; it contains a nucleus but no mitochondria and no recognizable endoplasmic reticulum or Golgi apparatus--one of the very rare examples of such a cellular organization among eukaryotes. This organization might have arisen because Giardia is an ancient lineage that separated from the rest of eukaryotes before mitochondria were acquired and internal membranes were developed. Or it might be a stripped-down version of a more standard eukaryote that has lost these structures because they are not necessary in the parasitic lifestyle it has adopted. How might you use nucleotide sequence comparisons to distinguish between these alternatives?"In the previous fifth edition, a CD-ROM was provided with the book that included PDF chapters of the answers for each problem chapter in the book. This was inconvenient at best. But now for the sixth edition all the problems AND all the answers are printed in the book. You get over 400 pages of problems followed by another 400+ pages of answers, so you can read and think about a problem and then flip to the answer to read their explanation. This gives the printed version of the book a significant advantage over the Kindle version in my option, since it's much easier to flip back and forth in a physical book than it is in the Kindle reader app (if only they could provide active links between the questions and answers...)The answers are as extensive as the questions, and provide lots of additional interesting information, history, etc. The answer to question 1-45 above takes up half a page and includes a paper reference.There are several styles of problem. Each section contains one ore more of the following: basic vocabulary (match the term to its definition), True/False questions, Thought Problems (as the example above, and there are lots of these), Calculations that ask you to figure out some (usually fairly simple) quantitative value to illustrate some fact about the spatial or temporal world of the cell, Data Handling questions that present information in terms of experiments and then ask related questions, Medical Links questions that connect the basic science more to human clinical practice, and new MCAT style questions that consist of a passage of text followed by questions.There are plenty of illustrations and diagrams, some repeated from the textbook and others original, in both the problems and answers sections.The book is now printed in color and this greatly improves the usability of the book and its figures, and it substantially improves the look and feel of the book overall.If you want to see more before you decide to buy you can get the first 47 pages or so via the Kindle Preview option if you have a tablet or PC/Mac Kindle reader app. The answers are all in the second half of the book so the preview will just show you more questions as well as the front-matter of the book. The Kindle version is a "Print Replica" so it's an exact reproduction of the physical book

(like a PDF).Besides the Problem Book’s own questions and answers, it also includes answers to all the end of chapter questions from the main textbook.This book is as much a source of new knowledge as it is a way to test your knowledge of the subject matter in the textbook. You can think of it as another nearly 1,000 pages of fascinating molecular biology presented in a Socratic style. Like the textbook itself it’s extremely well written and very approachable, and is one of those rare "wow" book experiences.It’s great if you want to learn and think more about cell biology (and life in general), as well as its applications to human health, and even if you’ve just been assigned this as an additional book for a class using the main textbook then I think you’ll really enjoy it.G.

I was getting A’s on my tests without this book but decided to get it half-way through my course. I still get A’s. What’s the difference? I study much more efficiently and I’m able to save a lot of time. Why? The answer book helps you to remember the big topics and focus on thinking in a way that makes everything stick effectively. You can learn a lot from the book by just studying it on your own and drawing or however else you learn, but learning in this test-taking method is fantastic and it allows you to grasp what you really should be understanding out of each chapter. The only downside is flipping so far between questions and answers. get some sticky tabs to quickly alleviate this issue.

This book literally is a critical thinking machine. However the annoying part about this solution manual is that the answers are all the way at the back of the textbook. I ripped my book in two for this reason. The problems are super difficult and sometimes even the answers are hard to understand. The weakness in this book is that the explanations can be quite convoluted also there are some questions that are too low quality and honestly quite stupid. Generally speaking though, if one wants to learn more about experimental designs and questions of that nature, this book is for you. There are definition questions, true/false, math based problems and experimental problems.

Great companion to the book. Get you thinking

The classic, but it’s a load to haul around.

Literally had my Professor (Graduate Level) Use 50% of her exam questions from this book. IT SAVED MY GRADE

Good companion text with sources of questions and problems.

Thoughtful questions in the back and very clear layout/content

Download to continue reading...

Molecular Biology (WCB Cell & Molecular Biology) Introduction to Cell and Tissue Culture: Theory and Technique (Introductory Cell and Molecular Biology Techniques) Molecular Biology of the Cell 6E - The Problems Book Molecular Biology of the Cell: The Problems Book Molecular Biology of the Cell, Fifth Edition: The Problems Book Current Topics in Computational Molecular Biology (Computational Molecular Biology) Prostate Problems Home Remedies, How To Fight Prostate Problems At Home, Get Rid Of Prostate Problems Fast!: Back On Track - Fighting Prostate Problems At Home Histology: A Text and Atlas: With Correlated Cell and Molecular Biology Histology: A Text and Atlas, with Correlated Cell and Molecular Biology, 6th Edition Molecular Biology of the Cell Lippincott Illustrated Reviews: Cell and Molecular Biology (Lippincott Illustrated Reviews Series) Cell and Molecular Biology (Lippincott's Illustrated Reviews Series) Human Genetics (WCB Cell & Molecular Biology) Genetics: Analysis and Principles (WCB Cell & Molecular Biology) Molecular Biology of the Cell, 5th Edition Molecular Cell Biology Cell and Molecular Biology: Concepts and Experiments Cell and Molecular Biology, Binder Ready Version: Concepts and Experiments Karp's Cell and Molecular Biology: Concepts and Experiments, 8th Edition Molecular and Cell Biology For Dummies

Contact Us

DMCA

Privacy

FAQ & Help