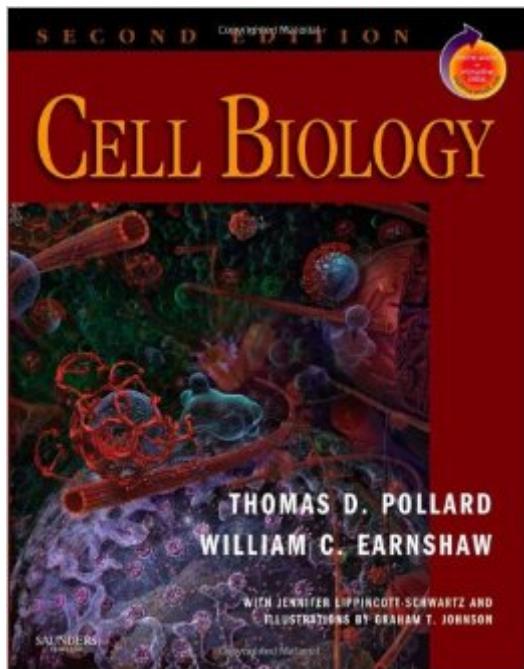


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Cell Biology: With STUDENT CONSULT Access, 2e (Pollard, Cell Biology, With Student Consult Online Access)



Synopsis

A masterful introduction to the cell biology that you need to know! This critically acclaimed textbook offers you a modern and unique approach to the study of cell biology. It emphasizes that cellular structure, function, and dysfunction ultimately result from specific macromolecular interactions. You'll progress from an explanation of the "hardware" of molecules and cells to an understanding of how these structures function in the organism in both healthy and diseased states. The exquisite art program helps you to better visualize molecular structures. Covers essential concepts in a more efficient, reader-friendly manner than most other texts on this subject. Makes cell biology easier to understand by demonstrating how cellular structure, function, and dysfunction result from specific macromolecular interactions. Progresses logically from an explanation of the "hardware" of molecules and cells to an understanding of how these structures function in the organism in both healthy and diseased states. Helps you to visualize molecular structures and functions with over 1500 remarkable full-color illustrations that present physical structures to scale. Explains how molecular and cellular structures evolved in different organisms. Shows how molecular changes lead to the development of diseases through numerous Clinical Examples throughout. Includes STUDENT CONSULT access at no additional charge, enabling you to consult the textbook online, anywhere you go — perform quick searches — add your own notes and bookmarks — follow Integration Links to related bonus content from other STUDENT CONSULT titles — to help you see the connections between diverse disciplines — test your knowledge with multiple-choice review questions — and more! New keystone chapter on the origin and evolution of life on earth probably the best explanation of evolution for cell biologists available! Spectacular new artwork by gifted artist Graham Johnson of the Scripps Research Institute in San Diego. 200 new and 500 revised figures bring his keen insight to Cell Biology illustration and further aid the reader's understanding. New chapters and sections on the most dynamic areas of cell biology - Organelles and membrane traffic by Jennifer Lippincott-Schwartz; RNA processing (including RNAi) by David Tollervey., updates on stem cells and DNA Repair., More readable than ever. Improved organization and an accessible new design increase the focus on understanding concepts and mechanisms. New guide to figures featuring specific organisms and specialized cells paired with a list of all of the figures showing these organisms. Permits easy review of cellular and molecular mechanisms. New glossary with one-stop definitions of over 1000 of the most important terms in cell biology.

Book Information

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Customer Reviews

I was actually surprised at how good this textbook was. I knew the reviews for it online were good, but I just didn't expect to find it so helpful, and readable! The pictures, and even the wording in the text was really helpful, and I think it was a fantastic compliment to my cell bio class.

I needed this book for a class and was excited to get my very first textbook in ebook form, so kudos to them on that since most of my textbooks don't come in e-form, ever. It's cheaper and more convenient than lugging around a giant book. I do have to say I missed the physical form in some cases as the search engine for words was very very slow (though that's probably my Kindle's deal and has nothing to do with the book itself). I studied with a friend who had the physical copy and it's just so easy and familiar flipping through the physical copy rather than trying to search through the eBook, but perhaps that's also an issue of practice. These are things to consider if you're trying to decide between the physical copy or the ecopy. Either way, I liked how it was organized where you could view the figures and pictures separate from the text in a way that made sense. The book itself has great content and describes things very well. I'm glad I had it for cell physiology! I wish the table of contents was a little easier to navigate, though - it's a useful function because you can click on the desired chapter, but there's so many chapters that it was kind of a pain to search through it. I'm sure they could make it a little easier to look through.

Any biology student or aficionado will find that this book is one of his or her most valuable guides

and resources. The text is clearly-written and very up-to-date, and the rich illustrations, diagrams, and charts that accompany it are truly second-to-none. Even if you don't need it for a class, find a copy and browse - chances are you'll like it enough to consider buying it for your own reference.

I find this book to be an excellent reference for graduate students - I purchase a copy for all my grad students. It is particularly good for serious researchers coming in from other fields who need a clear, detailed, comprehensive crash course in cell biology. It is very up to date and covers material at the level necessary for biomedical researchers and students. I hope they do a 3rd edition.

I highly recommed this book highly if you are serious in cell Biology when i received this book i found it awesome for my study in cell Biology

For 2 decades I teached Cell Biology. I used Cell Biology's Alberts and Coleagues Book as most important reference book to my Medicine Students. Pollard&Earnshaw's Cell Biology is much complete as Alberts'one; however, it is more complete, and it guide more easy to Medical formation questions. I am very glad to know Pollard&Earnshaw's book and share the content to my students, and to provide better discussions.

This book is well-written about DNA, lipid, mitosis, work and rest potential, protein pumps,... which i am concerning with. It has very illustrative figures, too.

excellent book contains detailed information and images to appreciate better all the molecular processes.In general, the quality of the book is exceptional.

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