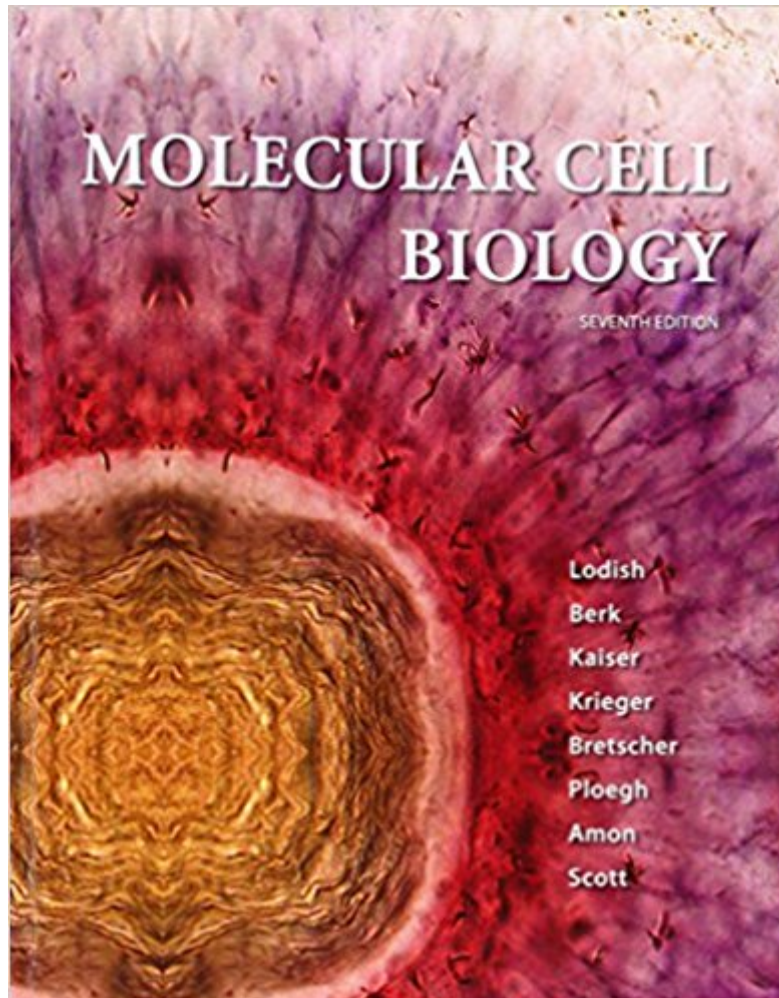




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# Molecular Cell Biology



## Synopsis

Molecular Cell Biology presents the key concepts in cell biology and their experimental underpinnings. The authors, all world-class researchers and teachers, incorporate medically relevant examples where appropriate to help illustrate the connections between cell biology and health and human disease. As always, a hallmark of MCB is the use of experiments to engage students in the history of cell biology and the research that has contributed to the field. See [what's in the LaunchPad](#)

## Book Information

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## Customer Reviews

This book is a very clearly written introduction to cellular biology. I would recommend it to anybody with at least a college-level Biology I understanding. The text is detailed, so for those looking for an overview of the subject, this may not be the book for you. The book is divided into three sections: 1) Chemical and Molecular Foundations (3 chapters) 2) Genetics and Molecular Biology (5 chapters) 3) Cell Structure and Function (11 chapters) 4) Cell Growth and Development (5 chapters) The first section is mostly a review of topics from introductory biology with additional details. For example, it briefly illustrates how a binding pocket on an enzyme works. The second section reviews transcription, translation, overviews important lab techniques, epigenetics, and how gene expression is controlled. The third section covers cell structure and function in detail. It covers membrane structure, organelle structure, vesicular traffic, signaling pathways, and the cell cycle (among other topics). The final section builds on the previous sections by discussing tissues formation, stem cells, nerve cells, immunology, and cancer. I used this book for an undergraduate

Cell Biology course at a research university, and I read almost every page. It gave me exactly the foundation I needed to boost my bioinformatics research.

This book was recommended by my lecturer and is used as the main reference book for eukaryotic cell biology module. I found this book was very useful and informative. It made studying this subject fun for me as I am mainly a visual learner and the book was illustrated well. The thickness of the book can be intimidating to some but it's a good book especially for those who are studying molecular cell biology.

The textbook gives a lot of detail but like most textbooks it's overpriced for the information. It was organized but didn't give a great overview of concepts. I used the book for detail oriented topics but other than that, wasn't really worth the money.

I needed this book for an on-line course, and bought the loose-leaf version in an attempt to save money, while also having the benefits of a new book. When I opened the package, I was shocked to discover that the pages hadn't been drilled properly: the holes angled sideways and came out the edges. Hundreds of pages needed adhesive reinforcing rings, and absorbed well over an hour of fussing to make the book usable. For the hole-punching to be this useless in a hundred-dollar book is almost unforgivable. To make matters worse, the codes to access on-line features were not packaged with the book; after searching, I found they are sold separately! (Another seventy-odd dollars--forget it!) I kept the book only because the online course had begun, and I didn't have time to return it and get it replaced. I like the book itself, but I like the subject and so might be biased. It will sit on my shelf as a reference for a long time. But if I had it to do over, I would buy the hardback version, used.

I really appreciate that there are so many figures for understanding the topics. It's a pretty well written book and the class it self is NOT impossible, just requires a lot of understanding and some memorization.

book was in decent condition and served its purpose

Great book, very well written! Difficult book, too, because there are so many biology jargons to memorize!

Also perfect

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