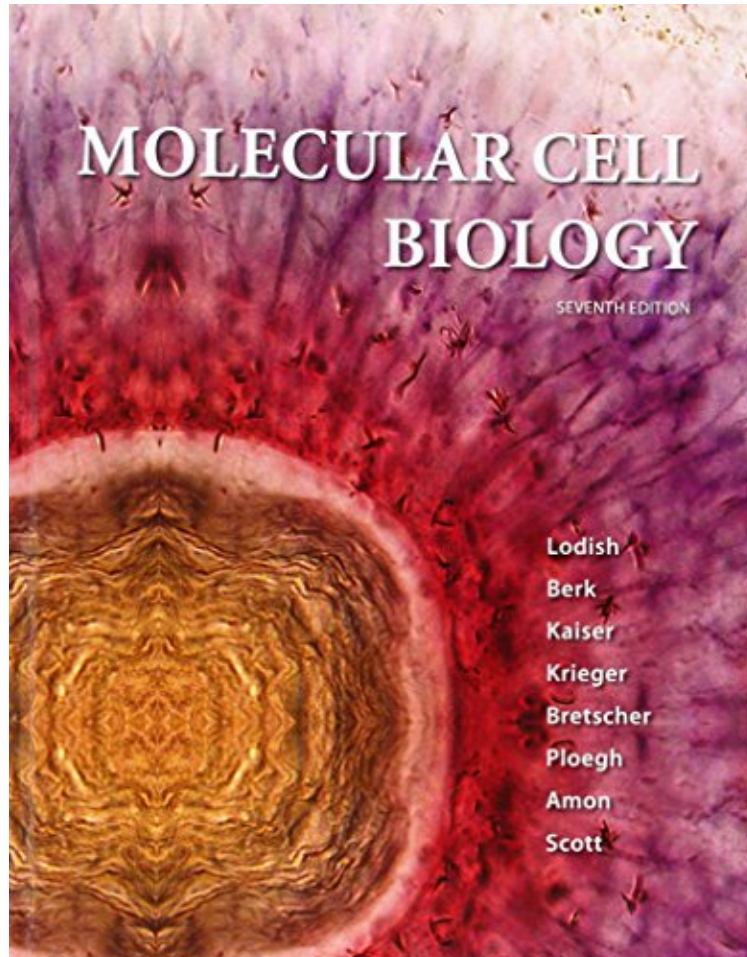


Molecular Cell Biology

Harvey Lodish, Arnold Berk, Chris A. Kaiser, Monty Krieger, Anthony Bretscher, Hidde Ploegh, Angelika Amon, Matthew P. Scott

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Harvey Lodish, Arnold Berk, Chris A. Kaiser, Monty Krieger, Anthony Bretscher, Hidde Ploegh, Angelika Amon, Matthew P. Scott : Molecular Cell Biology before purchasing it in order to gage whether or not it would be worth my time, and all praised Molecular Cell Biology:

24 of 26 people found the following review helpful. Clear Introduction to Cell Biology By Pete 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.

2 of 2 people found the following review helpful. My take on Molecular Cell Biology Reference Book by Lodish et. al. By prema 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.

0 of 0 people found the following review helpful. Detailed but overpriced. By Caitlin 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.

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.