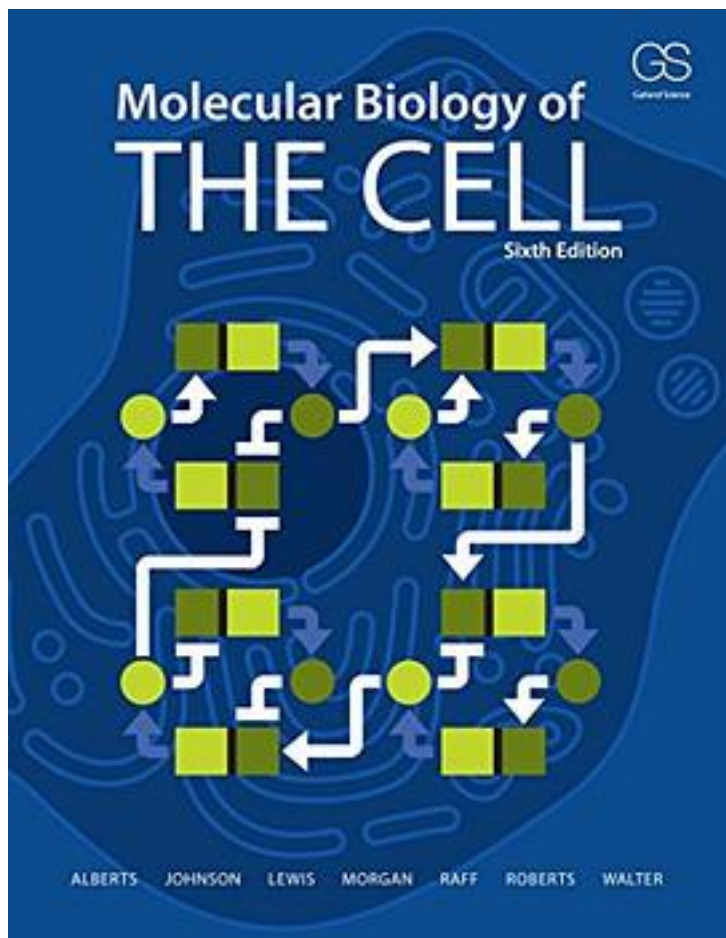


Molecular Biology of the Cell



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For nearly a quarter century, "Molecular Biology of the Cell" has been the leading cell biology textbook. This tradition continues with the new Fifth Edition, which has been completely revised and updated to describe our current, rapidly advancing

understanding of cell biology. To list but a few examples, a large amount of new material is presented on epigenetics; stem cells; RNAi; comparative genomics; the latest cancer therapies; apoptosis (now its own separate chapter); and cell cycle control and the mechanics of M phase (now integrated into one chapter). The hallmark features of "Molecular Biology of the Cell" have been retained, such as its consistent and comprehensive art program, clear concept headings, and succinct section summaries. Additionally, in response to extensive feedback from readers, the Fifth Edition now includes several new features. It is now more portable. Chapters 1-20 are printed and Chapters 21-25, covering multicellular systems, are provided as PDF files on the free Media DVD-ROM which accompanies the book. And for the first time, "Molecular Biology of the Cell" now contains end-of-chapter questions. These problems, written by John Wilson and Tim Hunt, emphasize a quantitative approach and the art of reasoning from experiments, and they will help students review and extend their knowledge derived from reading the textbook. The Media DVD-ROM, which is packaged with every copy of the book, contains PowerPoint[registered] presentations with all of the figures, tables and micrographs from the text (available as JPEGs too). Also included is the Media Player, which plays over 125 movies - animations, videos, and molecular models - all with voice-over narration. A new reader-friendly feature is the integration of media codes throughout the text that link directly to relevant videos and animations. The Media DVD-ROM holds the multicellular systems chapters (21-25) of the text as well. By skillfully extracting the fundamental concepts from this enormous and ever-growing field, the authors tell the story of cell biology, and thereby create a coherent framework through which readers may approach and enjoy this subject that is so central to all of biology. There is also a reference edition of "Molecular Biology of the Cell, Fifth Edition" (ISBN 978-0-8153-4111-6) that contains Chapters 1-25 entirely in printed format.

作者介绍:

Bruce Alberts received his PhD from Harvard University and is Professor of Biochemistry and Biophysics at the University of California, San Francisco. For 12 years, he served as President of the U.S. National Academy of Sciences (1993-2005).

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标签

生物

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CellBiology

Cell

评论

mitochondria跟protein俩章作为补习阅读挺不错。

细胞生物学基础的部分很经典，癌变、凋亡之类的很浅，生化和分子的部分占了不止1/3

虽然没有全读，但这门课总算结束了

实在太好，反复阅读

经典

这个语言稍微绕一点也更优美一点，确实宏伟壮观...各个领域均有涉及，细胞部分更是细致入微。而且真是给图跪了，任何难懂的一看图瞬间明白...

复习的时候重读学过的章节才发现真的是很细腻的教材。当然也可能是看发哥那本看多了已经失去对细胞生物学教材的评判能力了。

这书解释事情的能力真的顶尖，什么复杂的过程都能理得顺顺的

紅砖回家鳥~

传说中的大cell，碟里的图倒是很好看，哈哈哈

这个不错！~

The Bible of Cell Biology.

圣经

好是好 就是那么厚读起来难受

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书评

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