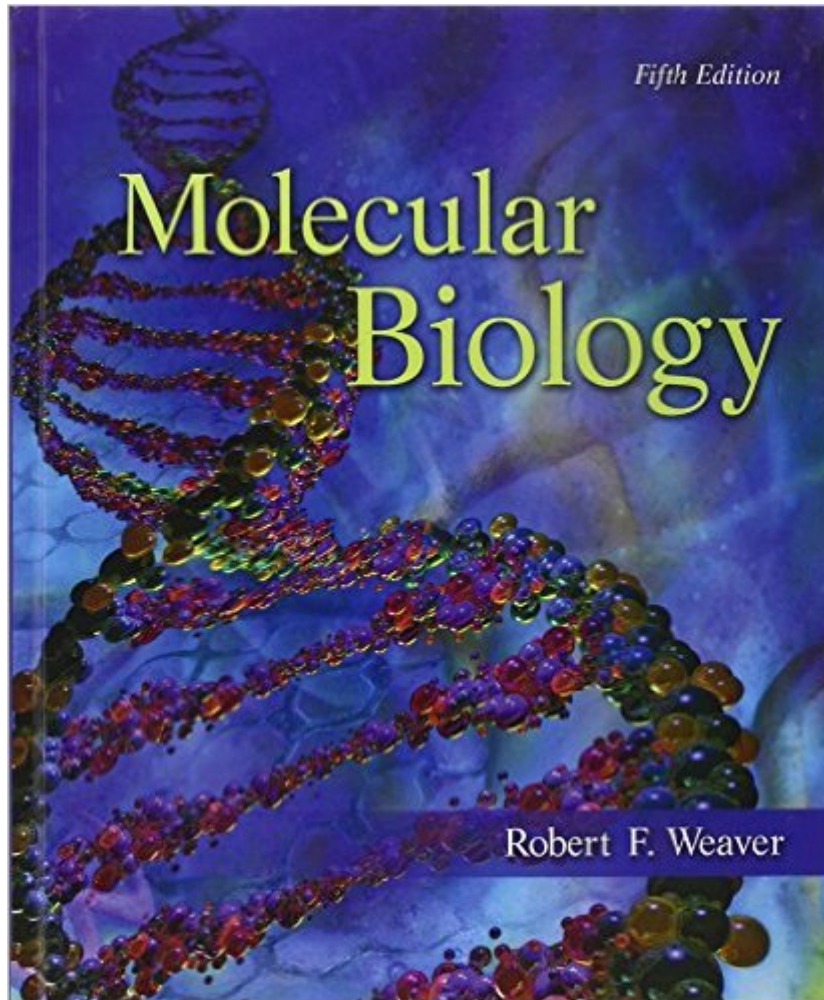


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Molecular Biology



Synopsis

A Doody's Core Title for 2015. Molecular Biology, 5/e by Robert Weaver, is designed for an introductory course in molecular biology. Molecular Biology 5/e focuses on the fundamental concepts of molecular biology emphasizing experimentation. In particular author, Rob Weaver, focuses on the study of genes and their activities at the molecular level. Through the combination of excellent illustrations and clear, succinct writing students are presented fundamental molecular biology concepts.

Book Information

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Customer Reviews

Molecular Biology, 4th Edition, by Robert F. Weaver As an undergraduate science student in college, I understand the importance of having the right textbook that will effectively complement what is being provided during course lectures. To provide a little background information, this textbook was required for a third-year molecular biology course at a major public research university. According to the two instructors of the course, Molecular Biology by Weaver would be extremely thorough in covering all of the major topics in a one-quarter molecular biology course. If being used as a stand-alone textbook for students trying to gain an understanding of an introduction to molecular biology, Weaver's Molecular Biology might not be the ideal solution. Although I do not intend to discourage other students from purchasing this textbook, I should offer a warning that students should be prepared to spend a decent amount of time reading through sections of this textbook. I should note at this point that I have very mixed feelings about this textbook. In writing this review, I

am going to assume that the target audience for this textbook will be third- to fourth-year life science undergraduate majors or graduate students. As I previously stated, this textbook is by no means a CliffsNotes for understanding molecular biology. Many of the major experiments carried out in the field of molecular biology were discussed in detail in this book, notably the Meselson-Stahl experiment that demonstrated the semi-conservative replication mechanism for DNA. To be more precise, it is the experimental molecular biology portions of this textbook that are extremely detailed. A cursory examination of this book will indicate to any reader that there is an abundance of diagrams and illustrations.

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