

# Molecular Biology: Understanding The Genetic Revolution

## - , Nanette J. Pazdernik

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The last quarter of the 20th century saw major scientific revolutions in genetics and computer technology. This book reflects this massive surge in our understanding of the molecular foundations of genetics. In order to understand where these technological advances are heading, there needs to be a basic understanding of how living organisms function at a molecular level. Molecular Biology, 2e, effectively introduces basic concepts followed by more specific applications as the text evolves. With the addition of Cell Press articles, the content is tied to current topics in the scientific community. NEW: "Focus On Relevant Research" sections integrate primary literature from Cell Press and focus on helping the student learn how to read and understand research to prepare them for the scientific world. NEW: Academic CellStudy Guide features all articles from the text with concurrent case studies to help students build foundations in the content while allowing them to make the appropriate connections to the text. NEW: Animations provided include topics in protein purification, transcription, splicing reactions, cell division and DNA replication and SDS-PAGE Updated chapters on Genomics and Systems Biology, Proteomics, Bacterial Genetics and Molecular Evolution and RNA Updated ancillary package includes flashcards, online self quizzing, references with links to outside content and PowerPoint slides with images. Fully revised art program Author: Clark, David P. Author: Pazdernik, Nanette J. Publisher: Academic Cell Illustration: N Language: ENG Title: Molecular Biology: Understanding the Genetic Revolution Pages: 00928 (Encrypted EPUB) / 00928 (Encrypted PDF) On Sale: 2012-02-17 SKU-13/ISBN: 9780123785947 Category: Science : Life Sciences - Biochemistry Category: Science : Life Sciences - Molecular Biology Category: Study Aids : General

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