

Second Edition

Molecular Biology

David P. Clark
Nanette J. Pazdernik

The second edition of Clark and Pazdernik's *Molecular Biology* examines the basic concepts of molecular biology while incorporating primary literature from today's leading researchers.

New to this edition:

- Online Academic Cell Study Guide features complete Cell Press journal articles with case studies to show students how to read and understand primary literature to prepare them for the scientific world
- "Focus On Relevant Research" sections highlight how articles from Cell Press illustrate key concepts in the text
- All new art program underscores and highlights advances in the field
- Added pedagogy – key concepts, review questions, conceptual questions
- Companion website featuring study guide, Cell Press articles, flashcards, self-quizzing and animations

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 appreciate where these technological advances are heading, students need a basic understanding of how living organisms function at a molecular level. *Molecular Biology, Second Edition* effectively introduces these basic concepts and builds on them by examining specific applications. With the selection of articles from Cell Press journals, the foundational content is tied to current research in the scientific community.

To access the additional online student and professor materials visit:
<http://booksite.academicpress.com/Clark/molecular2>

The cover artwork was originally published in Cell Vol 38, No 6 (2010). The cover image is an artistic depiction of the animal Argonaut (a kind of octopus) with small RNAs. The artwork was created by Shwu-Shin Chang.



APCell PRESS

Academic Cell is an imprint of Elsevier Inc.
www.elsevierdirect.com

ISBN: 978-0-12-378594-7



9 780123 785947