

PRINCIPLES OF

GEORGE PLOPPER

Cell Biology

SECOND EDITION

A Practical and Student-Friendly Approach to Cell Biology

Written for undergraduate cell biology courses, *Principles of Cell Biology, Second Edition* provides students with the formula for understanding the fundamental concepts of cell biology. This practical text focuses on the underlying principles that illustrate both how cells function as well as how we study them. It identifies 10 specific principles of cell biology and devotes a separate chapter to illustrate each. The result is a shift away from the traditional focus on technical details and toward a more integrative view of cellular activity that is flexible and can be tailored to suit students with a broad range of backgrounds.

The *Second Edition* features a fully revised art program with new full-color images and illustrations that simplify key concepts and cell function. *Concept Check* questions at the end of each section along with new end-of-chapter questions assess student comprehension, ensuring retention of key cell biology principles. An informal, narrative writing style makes even the most complex concepts accessible to students new to the scientific field, making *Principles of Cell Biology* the clear choice for anyone studying the fascinating field of cell biology.

NEW AND KEY FEATURES OF THE SECOND EDITION

- › Breaks cell biology down into 10 easy-to-understand principles
- › Extensive use of art and imagery illuminates key concepts and cell function in a clear and accessible manner for undergraduates
- › New thought-provoking end-of-chapter questions assess students' retention of core concepts. The answers are provided in the back of the book, providing students with a complete learning and study solution.
- › Each section opens with a list of key concepts and concludes with a Concept Check question, with answers provided in the back of the book, to help guide readers' focus and ensure comprehension of section material.
- › Helpful boxes throughout every chapter provide study tips, clarification of apparent contradictions, explanations of naming schemes, FAQs, and more.
- › Access to **Navigate 2** online learning materials including a comprehensive and interactive eBook, student practice activities and assessments, a full suite of instructor resources, learning analytics reporting tools, and more.



JONES & BARTLETT
LEARNING

An Ascend Learning Company
www.jblearning.com

ISBN: 978-1-284-04760-8



9 781284 047608

ACCESS
CODE
INSIDE



NAVIGATE²
ADVANTAGE ACCESS

- Mobile-Ready Course Materials
- eBook with Interactive Tools

Individual Access Codes are available at www.jblearning.com, bookstores, and retailers everywhere.