



Karp's Cell and Molecular Biology: Concepts and Experiments, 8th Edition

Gerald Karp, Janet Iwasa, Wallace Marshall

Textbook Rental (130 days)	978-1-119-62466-0	August 2019	\$40.00
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DESCRIPTION

Designed for courses in Cell Biology offered at the Sophomore/Junior level, *Karp's Cell and Molecular Biology* continues to be the best book in the market at connecting key concepts to the experiments that reveal how we know what we know in the world of Cell Biology. This classic text explores core concepts in considerable depth, often adding experimental detail. It is written in an inviting style and at mid-length, to assist students in managing the plethora of details encountered in the Cell Biology course. In this edition, two new co-authors take the helm and help to expand upon the hallmark strengths of the book, update and integrate text and media in a useful way, improving the student learning experience.

ABOUT THE AUTHOR

Gerald Karp is the author of Cell and Molecular Biology: Concepts and Experiments, Binder Ready Version, 8th Edition, published by Wiley.

Janet Iwasa is a data visualization expert and assistant professor of biochemistry at the University of Utah, renowned for her contributions to molecular and cellular visualizations.

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NEW TO EDITION

- **New Co-authors.** *Janet Iwasa* (University of Utah) brings her expertise in illustration and 3D visualization of molecular processes to aid in student understanding of core concepts and to expand upon the experimental focus of the text. *Wallace Marshall* (UC San Francisco) is a well-published Cell Biology researcher and serves on the President's board of the American Society of Cell Biology. The unique credentials and skill-sets of these new authors help to transform this proven text into a modern, media-rich course solution.
 - **Integration of experimental approaches** throughout the text, Experimental Videos, as well as increased "Experimental Pathways" sections and in the techniques-focused chapter
 - Increased **emphasis on relevance to human health** through "The Human Perspective" sections which have been expanded and updated.
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FEATURES

- Offers an **appropriate balance** of concepts and experimentation. Experimental detail is offered when it helps to reinforce the concept being explained.
- **Strong illustration program** includes stepped-out art to break down complex processes.
- **Illustrations are paired with micrographs** to help students compare the real (micrograph) with the ideal (illustration).
- Human aspects of cell biology are integral to this text, with "**Human Perspective**" essays throughout.

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