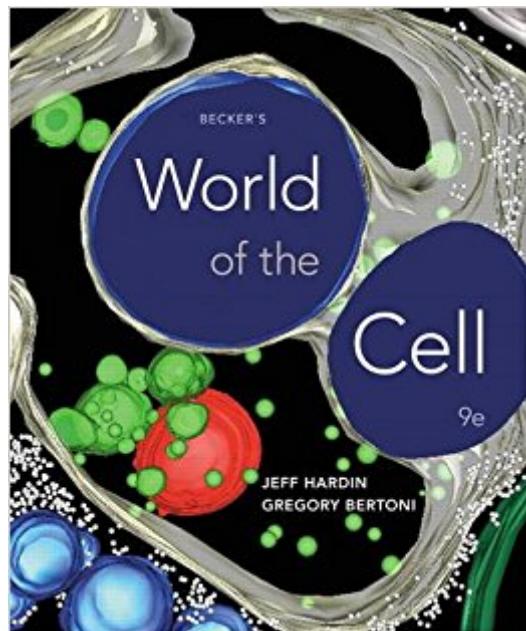


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# Becker's World Of The Cell (9th Edition)



## Synopsis

For courses in cell biology. Explore the world of the cell Widely praised for its strong biochemistry coverage and clear, easy-to-follow explanations and figures, Becker's World of the Cell provides a beautifully-illustrated, up-to-date introduction to cell biology concepts, processes, and applications. Informed by many years of classroom experience in the sophomore-level cell biology course, the dramatically-revised 9th Edition introduces molecular genetics concepts earlier in the text and includes more extensive coverage of key techniques in each chapter. Becker's World of the Cell provides accessible and authoritative descriptions of all major principles, as well as unique scientific insights into visualization and applications of cell and molecular biology. Also available with Mastering Biology. This title is available with MasteringBiology—an online homework, tutorial, and assessment program designed to work with this text to engage students and improve results. Within its structured environment, students practice what they learn, test their understanding, and pursue a personalized study plan that helps them better absorb course material and understand difficult concepts.

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## Book Information

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## Customer Reviews

Jeff Hardin is Professor and Chair of the Zoology Department at the University of Wisconsin-Madison. He is also Faculty Director of the Biology Core Curriculum, a four-semester honors biology sequence for undergraduates at Wisconsin known for its teaching innovations. Jeff's research interests center on how cells migrate and adhere to one another to change the shape of animal embryos. Jeff's teaching is enhanced by his extensive use of digital microscopy and his Web-based teaching materials, which are used on many campuses in the United States and other countries. As part of his interest in teaching biology, Jeff has received several awards, including a Lily Teaching Fellowship, a National Science Foundation Young Investigator Award, and a Chancellor's Distinguished Teaching Award. Gregory Bertoni has been active in teaching, research, and scientific writing for over 30 years. He earned a Ph.D. in Cell and Molecular Biology from the University of Wisconsin-Madison with Wayne Becker, where his research investigated the effects of light quality and carbon dioxide concentration on photorespiratory gene expression. His teaching experiences include introductory and graduate-level biochemistry, sophomore cell biology, and plant physiology. At Madison, he and Wayne helped to develop a new course entitled "Ways of Knowing" designed to introduce entering freshmen to the learning process itself. His published research includes studies in bacterial pathogenesis, plant-microbe interactions, and plant gene expression. Currently, Gregory is a Science Editor for *The Plant Cell*, a leading international research journal in plant cell and molecular biology, for which he assists authors in preparing manuscripts and files for publication. His duties include communicating with authors around the world to ensure that published papers are accurate and accessible to both general and expert readers. In addition, he has written numerous one-page summaries for the journal front matter to highlight key research articles. For the past 12 years, Gregory has been teaching biology, chemistry, and microbiology part-time at the community college level, mostly for nursing training, and is currently at Southern Maine Community College in

South Portland, Maine. He is also a freelance scientific writer who contributes to text- and web-based projects in biology, physics, and microbiology. His hobbies include hiking, gardening, and growing certified organic seedlings for A Good Start, a small business founded by him and his wife Marianne Potter in 2003.

Excellent textbook.

Nice textbook.

It's a good book for class.

This edition has a lot of errors, I was very surprised. From typos, to mislabeled figures (see action potential graph, or the phases of mitosis) to plainly getting some facts wrong (like the year in which the first genome was sequenced). It is also more expensive than the Alberts! I use it to teach a 300 level class and I am not impressed. I used the 3rd Ed in college, and I remember liking it, now I wonder....

As with past editions of the World of the Cell, the book does a reasonable job of covering the basic material in cell biology, but tends to gloss over a lot of interesting information. In particular, I wish it had more experimental information and medical relevance, that would make it more useful for pre-health students.

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