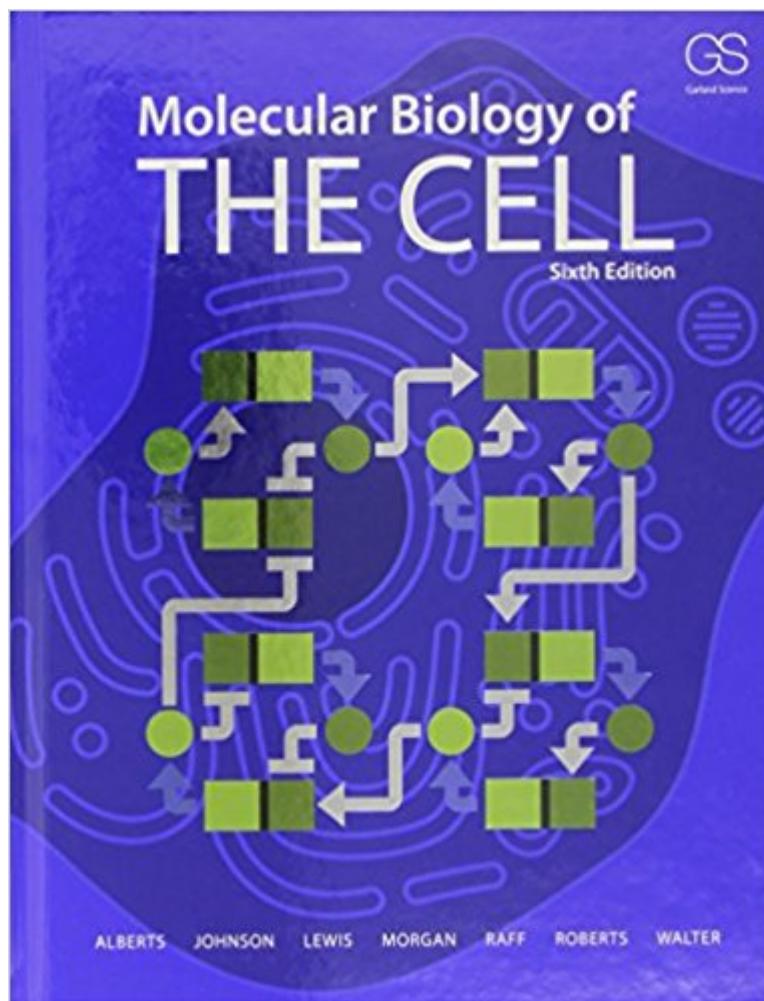


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Molecular Biology Of The Cell



Synopsis

As the amount of information in biology expands dramatically, it becomes increasingly important for textbooks to distill the vast amount of scientific knowledge into concise principles and enduring concepts. As with previous editions, Molecular Biology of the Cell, Sixth Edition accomplishes this goal with clear writing and beautiful illustrations. The Sixth Edition has been extensively revised and updated with the latest research in the field of cell biology, and it provides an exceptional framework for teaching and learning. The entire illustration program has been greatly enhanced. Protein structures better illustrate structure–function relationships, icons are simpler and more consistent within and between chapters, and micrographs have been refreshed and updated with newer, clearer, or better images. As a new feature, each chapter now contains intriguing openended questions highlighting “What We Don’t Know,” introducing students to challenging areas of future research. Updated end-of-chapter problems reflect new research discussed in the text, and these problems have been expanded to all chapters by adding questions on developmental biology, tissues and stem cells, pathogens, and the immune system.

Customer Reviews

"Throughout the book, emphasis is placed not just on what 'we know' but also on 'how we know' and 'what remains to be discovered'- important for engaging and enthusing students...A quarter of a century after the first edition revolutionised cell biology textbooks, the new edition is as fresh, comprehensive and above all, as readable as ever....Like its predecessors, this is a superb textbook for advanced undergraduate and postgraduate students." -British Society for Developmental Biology Newsletter, Summer 2008, Vol. 29, No. 1 "Professors, lecturers, and instructors will find the fifth edition of the book Molecular Biology of the Cell and its accompanying Problems Book to be an excellent choice for guiding their students through the maze of the cell's molecular structures and biochemical processes....With countless colorful illustrations and a large number of photographs and tables, reading the text becomes not only an educational experience, but also a highly enjoyable one for those students who wish to discover the inner workings of the magnificent cellular machine....Educators will also find the DVD-ROM to be a rich electronic resource when compiling their lectures....No less important is the Problems Book, which contains numerous exercises and questions that are an integral part of the learning process, and that teachers, instructors, and students are sure to appreciate." The Quarterly Review of Biology, September 2008, Volume 83, Number 3

Bruce Alberts, University of California, San Francisco, USA Alexander Johnson, University of California, San Francisco, USA Julian Lewis, (Deceased), formerly of Cancer Research UK

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