Essential Cell Biology

Bruce Alberts, Dennis Bray, Karen Hopkin, Alexander D Johnson, Alexander Johnson, Julian Lewis, Martin Raff, Keith Roberts, Peter Walter
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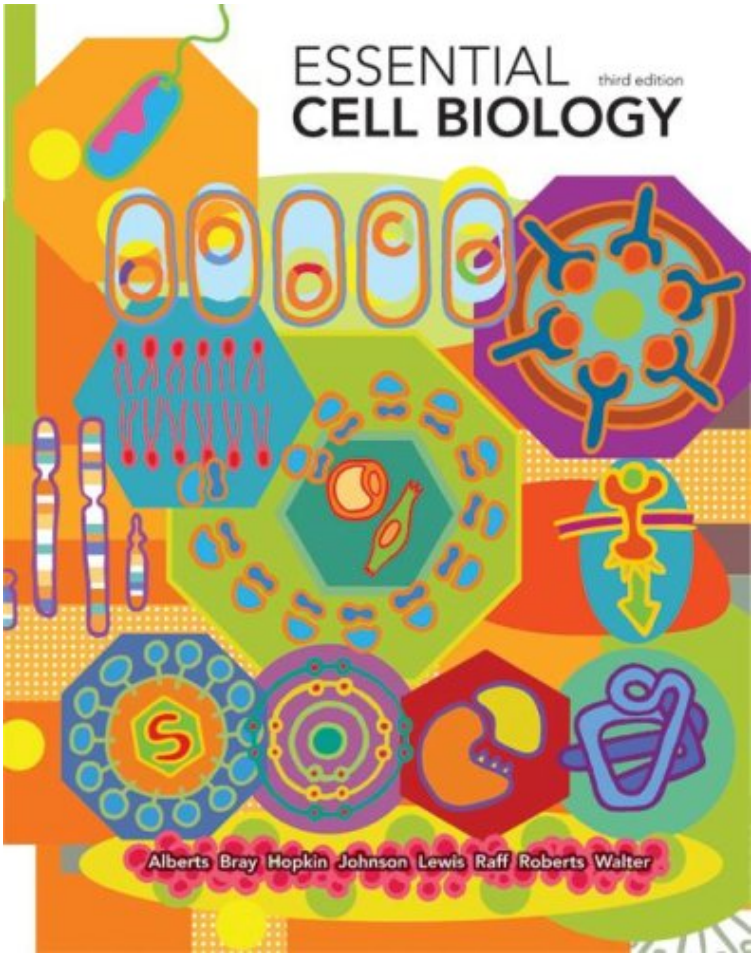

#91202 in Books Garland Science 2009-03-27Ingredients: Example IngredientsOriginal language:EnglishPDF # 1 1.28 x 8.65 x 11.17l, 4.40 #File Name: 0815341296860 pages | File size: 49.Mb

Bruce Alberts, Dennis Bray, Karen Hopkin, Alexander D Johnson, Alexander Johnson, Julian Lewis, Martin Raff, Keith Roberts, Peter Walter : Essential Cell Biology before purchasing it in order to gage whether or not it would be worth my time, and all praised Essential Cell Biology:

3 of 3 people found the following review helpful. Ah, cell bio. We love to hate you.By Cam DavisCell bio is a dense and difficult subject. Most universities (and authors) assume you have the necessary background knowledge to understand this basic text. If you don't understand chemical bonds (or other basic chemistry concepts) and if you haven't had a solid intro to bio (for biology majors, not for non-majors) this book will be deceptively difficult for you to follow. As far as beginner's texts go, this one is just fine. In fact, after an undergraduate class in cell bio several years ago, I sold the book back (I seem to lose more good books this way) and immediately regretted it. I recently re-purchased it so that I could refer back to it as desired.The only negative about this book, this edition (other editions

may have fixed the problem) is its seemingly fragile physical state: the hardcover is weak. It bends and bows, and the spine usually collapses (this is my second book and the spine pulled away from the pages just as it did with my first copy of this book). I am NOT hard on textbooks. I don't highlight or mark in them, I don't toss them around, I don't cram them in backpacks. This is just from gentle use. If not for the easily-ruined cover, I would have given this textbook five stars.1 of 1 people found the following review helpful. Same as newest editionBy CustomerI used this older edition for my class that required the latest edition and I was perfectly fine. The information and images are basically the same- there is some differences in wording and order that the info is presented but overall it is the same as the latest edition. Also my professor used many of the images directly from the text on our exams and all of the ones that he used in the new edition were the same. Def. recommend getting this version- it will save you money and you will get the same as if you used the newer edition.20 of 22 people found the following review helpful. Another Masterpiece Of Molecular BiologyBy Serge Marinkovic MDAlberts team have written and edited a masterful body of work that is an improvement over the last edition which was superb. Everything is discussed well and without unnecessary jargon. The illustrations help to convey the three dimensions of molecular biology and the question bank with the text available online is again well done. The number 5-8 minute videos are what I rely enjoy learning from as with the third edition. For those physicians who need to keep tabs on molecular biology look no further this will get the job well done for you and you will prosper and enjoy its teachings.

Essential Cell Biology provides an accessible introduction to the fundamental concepts of cell biology. Its lively writing and exceptional illustrations make it the ideal textbook for a first course in cell and molecular biology. The text and figures are easy-to-follow, accurate, clear, and engaging for the introductory student. Molecular detail has been kept to a minimum in order to provide the reader with a cohesive, conceptual framework of the basic science that underlies our current understanding of biology. The Third Edition is thoroughly updated scientifically, yet maintains the academic level and size of the previous edition. The book is accompanied by a Media DVD-ROM with over 130 animations and videos, all the figures from the book, and a new self-test quizzing feature for students.

'College and university professors who have used the previous editions of ECB will be pleased with the new edition. The format and organization are retained but have been infused with fresh images and updated material. Its as if a trusted old friend has come back from an extended vacation with a bright new look and a refreshed attitude. The reader is at once comfortable with and excited by the changes. New users of the textbook will find it accessible and approachable at the professorial and student levels.I highly recommend it to all CBE-Life Sciences Education readers who are also classroom educators.'CBE-Life Sciences Education, Fall 2009 'This attractive, accessible, visually oriented text covers the fundamentals of cell biology required to understand biomedical and broader issues that affect students' lives.' SciTech Book News, August 2009 Praise of the Second Edition: 'This book fills a critical niche in the pedagogical process of introducing cell biology and does an excellent job in reaching its objective.'The Quarterly of Biology, Volume 79 '...an excellent example of designing a textbook for undergraduates and non-biology majors. It is clear, well illustrated, conversational in tone and enjoyable to read and browse through.'E-Streams 'The second edition retains all the beauty of the first, and it serves as an editorial model -- a guide that shows us how serious authors prepare a new version of a serious book. ...What makes for a great science education is not the amassing of facts but the understanding of concepts, processes and syntheses, and the realization that all our information about nature must be subject to testing and revision. That is the kind of educational experience that students can acquire from the second edition of Essential Cell Biology.' The Textbook LetterAbout the AuthorBruce Alberts received his PhD from Harvard University and is Professor of Biochemistry and Biophysics at the University of California, San Francisco. He is the editor-in-chief of Science magazine. For 12 years he served as President of the U.S. National Academy of Sciences (1993-2005). Dennis Bray received his PhD from Massachusetts Institute of Technology and is currently an active emeritus professor at University of Cambridge. In 2006 he was awarded the Microsoft European Science Award. Karen Hopkin received her PhD in biochemistry from the Albert Einstein College of Medicine and is a science writer in Somerville, Massachusetts. Alexander Johnson received his PhD from Harvard University and is Professor of Microbiology and Immunology and Director of the Biochemistry, Cell Biology, Genetics, and Developmental Biology Graduate Program at the University of California, San Francisco. Julian Lewis received his DPhil from the University of Oxford and is a Principal Scientist at the London Research Institute of Cancer Research UK. Martin Raff received his MD from McGill University and is at the Medical Research Council Laboratory for Molecular Cell Biology and Cell Biology Unit and in the Biology Department at University College London. Keith Roberts received his PhD from the University of Cambridge and is Emeritus Fellow at the John Innes Centre, Norwich. Peter Walter received his PhD from The Rockefeller University in New York and is Professor and Chairman of the Department of Biochemistry and Biophysics at the University of California, San Francisco, and an Investigator of the Howard Hughes Medical Institute.