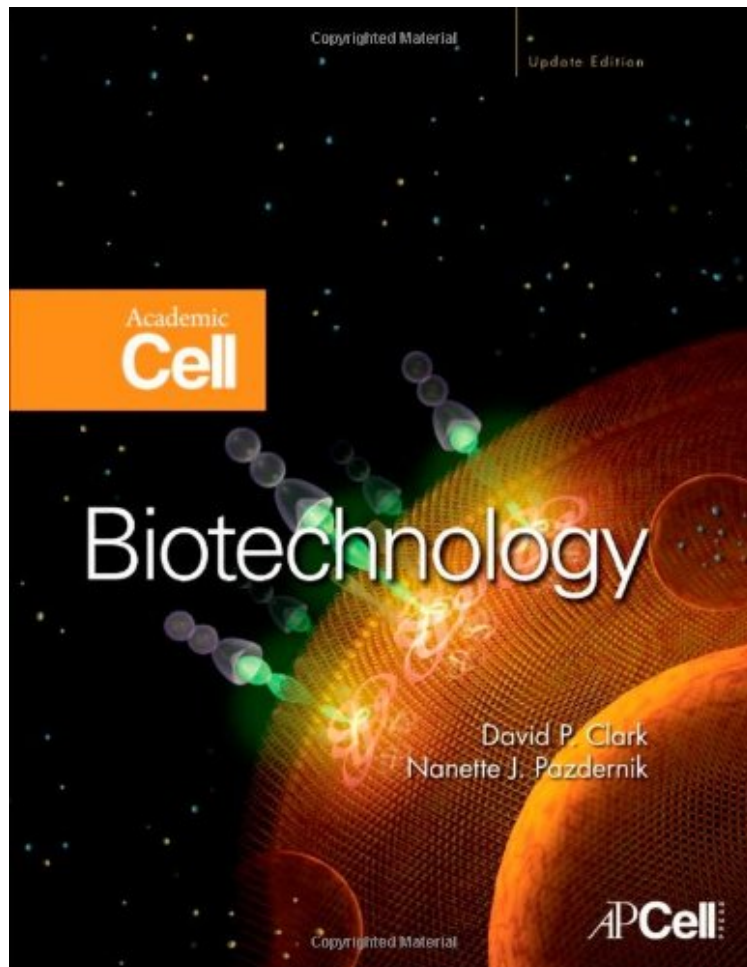


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Biotechnology: Academic Cell Update Edition

David P. Clark BA (honors)Christ's College Cambridge 1973PhD University of Brsitol (England) 1977,
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David P. Clark BA (honors)Christ's College Cambridge 1973PhD University of Brsitol (England) 1977, Nanette J. Pazdernik : Biotechnology: Academic Cell Update Edition before purchasing it in order to gage whether or not it would be worth my time, and all praised Biotechnology: Academic Cell Update Edition:

0 of 1 people found the following review helpful. Good but can improve (especially for KINDLE Readers)By R. WolfcastleFor this review I am referring to the Kindle edition. I like the book and it could be 4-5 stars but there is a lot of room for improvement in my opinion.For kindle readers... the pictures are tiny. It is very difficult to read this book from a phone or a tablet because kindle refuses to let you zoom in on the pictures.From a text perspective... the material is good and the author explains things very clearly. My only gripe is that the author references future chapters quite often, and it's not easy to read from cover to cover. I think in the 'intro' parts like chapters 1-3, he could explain things in a little more detail so you don't have to keep flipping to the next chapter.Otherwise I like it!0 of 1 people

found the following review helpful. Three StarsBy EricNot bad.0 of 2 people found the following review helpful. Great buy!By JoeI buy it used as brand new, and didn't even have to wait as long to come in the mail. Highly recommended.

Now available with the most current and relevant journal articles from Cell Press, Biotechnology Academic Cell Update Edition approaches modern biotechnology from a molecular basis, which grew out of the increasing biochemical understanding of physiology. Using straightforward, less-technical jargon, Clark and Pazdernik manage to introduce each chapter with a basic concept that ultimately evolves into a more specific detailed principle. This up-to-date text covers a wide realm of topics, including the forensics used in crime scene investigations, the burgeoning field of nanobiotechnology, bioethics and other cutting edge topics in today's world of biotechnology. Basic concepts followed by more detailed, specific applications with clear, color illustrations of key topics and concepts

About the AuthorDavid P. Clark did his graduate work on bacterial antibiotic resistance to earn his Ph.D. from Bristol University, in the West of England. During this time, he visited the British Government's biological warfare facility at Porton Down and was privileged to walk inside the (disused) Black Death fermenter. He later crossed the Atlantic to work as a postdoctoral researcher at Yale University and then the University of Illinois. David Clark recently retired from teaching Molecular Biology and Bacterial Physiology at Southern Illinois University which he joined in 1981. His research into the Regulation of Alcohol Fermentation in *E. coli* was funded by the U.S. Department of Energy, from 1982 till 2007. From 1984-1991 he was also involved in a project to use genetically altered bacteria to remove contaminating sulfur from coal, jointly funded by the US Department of Energy and the Illinois Coal Development Board. In 1991 he received a Royal Society Guest Research Fellowship to work at Sheffield University, England while on sabbatical leave. He has supervised 11 masters and 7 PhD students and published approximately 70 articles in scientific journals. He has written or co-authored several textbooks, starting with *Molecular Biology Made Simple and Fun* (with Lonnie Russell; (Cache River Press, First edition, 1997) which is now in its fourth edition. Other books are *Molecular Biology and Biotechnology* (both published by Elsevier) He recently wrote a popular science book, *Germs, Genes, Civilization: How Epidemics Shaped Who We Are Today* (2010, Financial Times Press/Pearson). David is unmarried, but his life is supervised by two cats, Little George and Mr Ralph. Nanette J. Pazdernik, Ph.D. is a co-author of *Biotechnology*, 2nd edition and *Molecular Biology*, 2nd edition, with Dr. David Clark. The second edition of *Molecular Biology* won a Texty award from the Textbook and Academic Authors Association in 2013. She has also authored an on-line study guide to accompany the update edition of *Molecular Biology*. She has taught courses in General Biology, Genetics, as well as Anatomy and Physiology at Southwestern Illinois College, McKendree University, and Harris-Stowe University. She received her BA in Biology from Lawrence University in Appleton, Wisconsin, in 1990 and her PhD in Molecular, Cellular, Developmental Biology and Genetics from the University of Minnesota in 1996. Her doctoral thesis studied how alterations in the structure of lactose permease affect its ability to transport sugar across the membrane of *E. coli*. Following her degrees, she investigated the IL-1 and TNF signal transduction pathways that control apoptosis and immunity at Indiana University School of Medicine. She has most recently studied the various molecules that maintain the stem cell fate in *C. elegans* at Washington University School of Medicine in St. Louis, MO. She is married and the mother of three children, ages 15, 12, and 8, which always make her realize the role biology plays in personality and development!