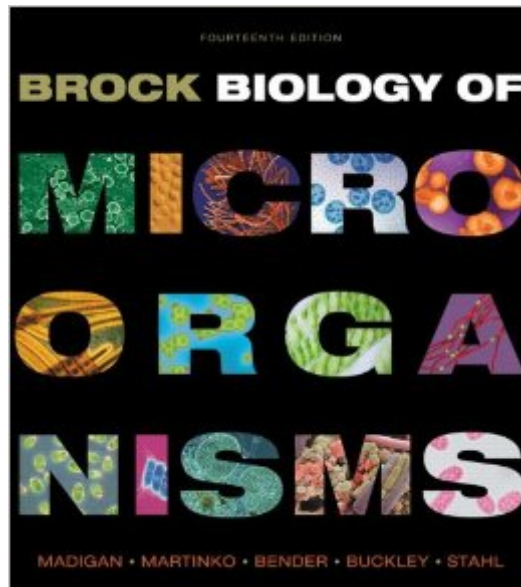


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# Brock Biology Of Microorganisms (14th Edition)



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The authoritative #1 textbook for introductory majors microbiology, *Brock Biology of Microorganisms* continues to set the standard for impeccable scholarship, accuracy, and outstanding illustrations and photos. This book for biology, microbiology, and other science majors balances cutting edge research with the concepts essential for understanding the field of microbiology, including strong coverage of ecology, evolution, and metabolism. The Fourteenth Edition seamlessly integrates the most current science, paying particular attention to molecular biology and how the genomic revolution has changed and is changing the field. This edition offers a streamlined, modern organization with a consistent level of detail and updated, visually compelling art program. *Brock Biology of Microorganisms* includes **MasteringMicrobiology**®, an online homework, tutorial, and assessment product designed to improve results by helping students quickly master concepts both in and outside the classroom. The Fourteenth Edition and **MasteringMicrobiology** will provide a better teaching and learning experience for you and your students.

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## Book Information

Hardcover: 1032 pages

Publisher: Pearson; 14 edition (January 12, 2014)

Language: English

ISBN-10: 0321897390

ISBN-13: 978-0321897398

Product Dimensions: 9.9 x 1.5 x 10.8 inches

Shipping Weight: 5.8 pounds (View shipping rates and policies)

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## Customer Reviews

The first thing I like about the text is that it has a lot of chapters devoted to microbes before getting to the medical microbiology parts. I have one other microbiology text and it basically pays lip service to microbes across a few chapters and then spends the rest of the book talking about what diseases various microbes produce. There is nothing wrong with that if you are interested primarily in the medical aspects of microbiology, but what if you are interested in microbiology for the sake of microbiology itself? You get shortchanged. But this text has chapter after chapter covering microbes, in detail, before getting into the chapters devoted to medical implications. The second thing I like about the text is that I keep finding interesting tidbits of information: things you don't usually get from reading molecular cell biology texts and other biology texts. Things such as, the largest individuals of the bacterial species *Thiomargarita namibiensis* have a diameter of about 750 micrometers, making it about 5 times the size of a typical paramecium; Archaea do not have fatty acids in the membrane lipids; some Archaea have a monolayer instead of a phospholipid bilayer; many Archaeal lipids contain rings in the hydrocarbon chains; some prokaryotes have membrane-bounded (but monolayer) inclusions such as magnetosomes, PHAs, and sulfur granules; heterocystous cyanobacteria have a differentiated cell called a heterocyst where nitrogenase is protected from oxygen; some plasmids are linear; even though *E. coli* can double in population size

in 20 minutes it take 40 minutes to replicate the chromosome; and so on.

I'm just amazed, this textbook is so easy to read, very interesting, and just outstanding. Highly recommend this if you are a microbio major or are interested in biology on a deeper level.

it is what they say it is. the chapters are long, there's a ton of information, it was in perfect condition. If your professor uses this text, you're in for a ride!!

No complaints! I bought a binder to put the pages in and that's it! Trustworthy seller.

Great seller, and understandably detailed with plenty of figures

I have not read this book, it's for my grand son.

Excellent Book! Very easy read. Highly recommend

Just what the college daughter needed.

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