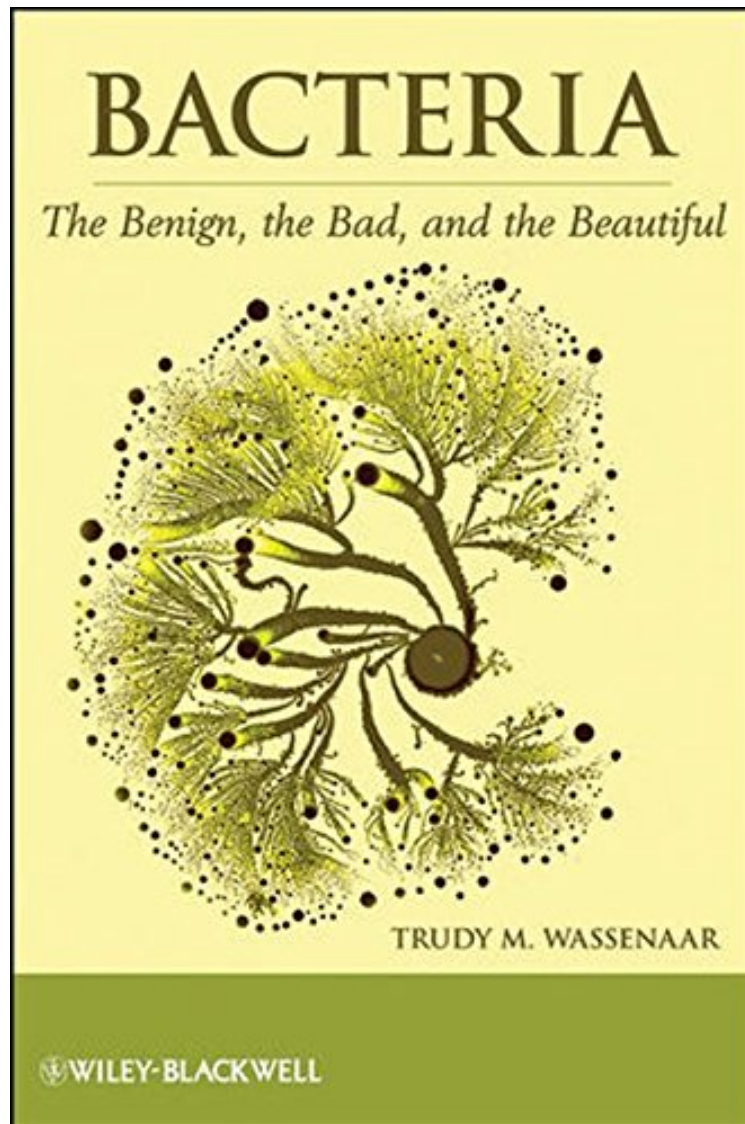


Bacteria: The Benign, the Bad, and the Beautiful

Trudy M. Wassenaar

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Trudy M. Wassenaar : Bacteria: The Benign, the Bad, and the Beautiful before purchasing it in order to gage whether or not it would be worth my time, and all praised Bacteria: The Benign, the Bad, and the Beautiful:

0 of 0 people found the following review helpful. InsightfulBy Paul F EmmanuelliVively, insightful and humorous, the author expands greatly on the very little public information on these extremely interesting critters who, as she says, were here long before their human transports and will be here long after our demise.1 of 4 people found the following review helpful. Well written and interesting.By Joseph JenkinsWell written and interesting.2 of 50 people found the

following review helpful. must readBy Helenahave you ever thought that christianity is a biofilm on the rest of the world?christianity leads the way in air, land and sea pollution and destruction of wildlife habitat.christian leaders are ignorant a-holes usually without even trigonometry to enlighten their thinking.they are 2 dimensional "thinkers"... biofilms!

A comprehensive, reader-friendly introduction to the world of bacteria When most people hear the word "bacteria" they think of food poisoning; infections; and acute, debilitating, or fatal diseases. Yet, while *E. coli*, strep, and other bacterial pathogens certainly cause their share of misery in the world, they are only a tiny portion of a vast universe of microorganismsthe most basic of life forms. Without them, nothing else could live or grow on Planet Earth. *Bacteria: The Benign, the Bad, and the Beautiful* introduces you to this diverse, microscopic world and explains the fundamental microbiological concepts you need to explore the life and behavior of bacteria. Even if you have no previous background in the subject, the book's clear, jargon-free language tells you what you need to know about: The origins and evolution of bacteria Some of the fundamental ways in which bacteria have shaped the world Bacteria commonly found in the healthy human body Antibiotics and the growing problem of resistance Marine microbiology, bacterial toxins, and enzymes Bacterial genetics and genomics Bacteria that survive in extreme environments, such as boiling water And much more This comprehensive guide features custom-drawn, black-and-white illustrations by artist Karoly Farkas, and it illuminates its points through real-world examples and engaging stories. Discrete, topic-by-topic structure, text-box summaries of background science, and a helpful glossary make for quick and easy reference. Whether you are a science professional in need of information on bacteria outside of your specialty, a student in search of a solid introduction, or a curious reader looking for fascinating and reliable information, *Bacteria: The Benign, the Bad, and the Beautiful* is the resource you need.

This book should be on public and school library shelves and in places where there is research in microbiology. (Reference s, 1 December 2012) Useful for lay readers curious about bacteria and bacterial activities. Summing Up: Recommended. General audiences, high school students, and lower-level undergraduates. (Choice, 1 July 2012) Overall, I would confidently recommend this book to anyone with even a vague interest in bacteria. (Phenotype, 28 May 2012) "Bacteria are fascinating little creatures that are deserving of the stories contained within *Bacteria: The Benign, the Bad, and the Beautiful*. The reader's viewpoint may very well change after hearing them." (New York Journal of Books, 13 December 2011)From the Back CoverA comprehensive, reader-friendly introduction to the world of bacteria When most people hear the word "bacteria" they think of food poisoning; infections; and acute, debilitating, or fatal diseases. Yet, while *E. coli*, strep, and other bacterial pathogens certainly cause their share of misery in the world, they are only a tiny portion of a vast universe of microorganismsthe most basic of life forms. Without them, nothing else could live or grow on Planet Earth. *Bacteria: The Benign, the Bad, and the Beautiful* introduces you to this diverse, microscopic world and explains the fundamental microbiological concepts you need to explore the life and behavior of bacteria. Even if you have no previous background in the subject, the book's clear, jargon-free language tells you what you need to know about: The origins and evolution of bacteria Some of the fundamental ways in which bacteria have shaped the world Bacteria commonly found in the healthy human body Antibiotics and the growing problem of resistance Marine microbiology, bacterial toxins, and enzymes Bacterial genetics and genomics Bacteria that survive in extreme environments, such as boiling water And much more This comprehensive guide features custom-drawn, black-and-white illustrations by artist Karoly Farkas, and it illuminates its points through real-world examples and engaging stories. Discrete, topic-by-topic structure, text-box summaries of background science, and a helpful glossary make for quick and easy reference. Whether you are a science professional in need of information on bacteria outside of your specialty, a student in search of a solid introduction, or a curious reader looking for fascinating and reliable information, *Bacteria: The Benign, the Bad, and the Beautiful* is the resource you need.About the AuthorDr. Trudy Wassenaar, PhD, isdirector ofMolecular Microbiology and Genomics Consultants, and author and curator of thepopular Virtual Museum of Bacteria (www.bacteriamuseum.org). She is also an Associate Professor of comparative bacterial genomics at the Centre of Biological Sequences at the Danish Technical University in Lyngby, Denmark, and the author of numerous contributed book chapters as well as nearly 80 publications in peer-review journals, including *Applied Environmental Microbiology*, the *Journal of Medical Microbiology and Infection* and *Immunity*.