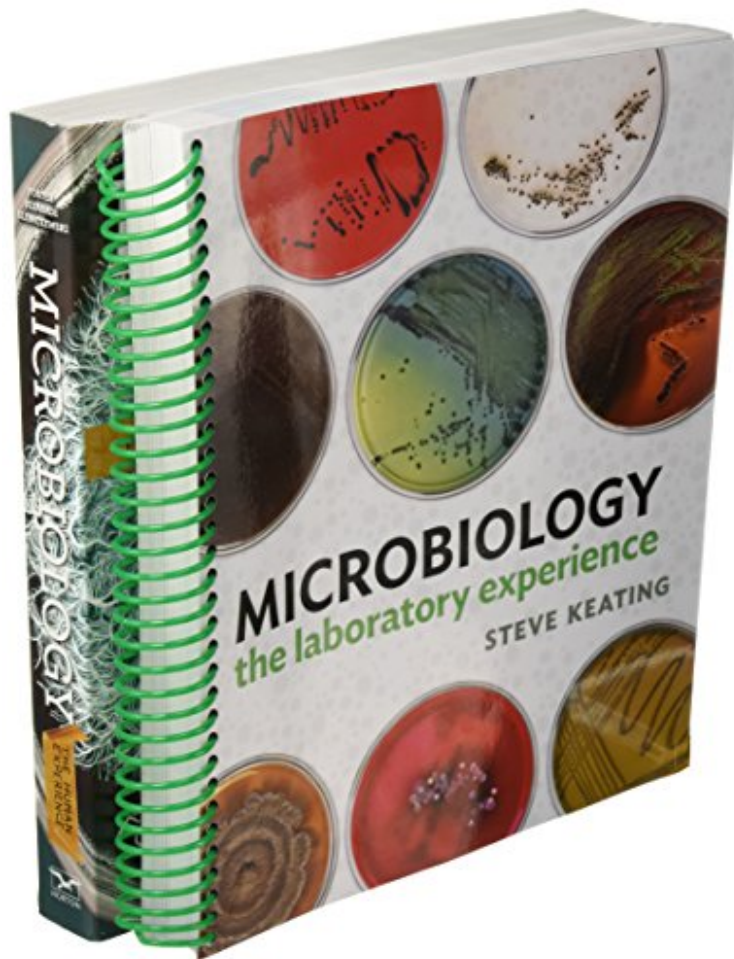


[Download pdf] Microbiology: The Human Experience and Microbiology: The Laboratory Experience PA (Preliminary Edition)

## Microbiology: The Human Experience and Microbiology: The Laboratory Experience PA (Preliminary Edition)

*John W. Foster, Steven Keating, Zarrintaj Aliabadi, Joan L. Slonczewski*  
ePub | \*DOC | audiobook | ebooks | Download PDF



[Download](#)

[Read Online](#)

#1717493 in Books 2016-01-01 Original language: English 10.90 x 2.50 x 10.201, #File Name: 03936074291072 pages | File size: 63.Mb

**John W. Foster, Steven Keating, Zarrintaj Aliabadi, Joan L. Slonczewski : Microbiology: The Human Experience and Microbiology: The Laboratory Experience PA (Preliminary Edition)** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Microbiology: The Human Experience and Microbiology: The Laboratory Experience PA (Preliminary Edition):

A Case-History Approach At the core of Microbiology: The Human Experience are case histories that put foundational concepts in a real-world context. The bones are the consistent structure of learning objectives, summaries, and

questions that support the clear, accurate, and organized presentation of the content. The connective tissue is the art and highly readable text, by two masterful teachers and an experienced physician assistant, which puts infectious disease front and center and highlights contemporary topics such as the human microbiome. Written by a microbiologist with over two decades of collective experience both teaching and coordinating lab courses, *Microbiology: The Laboratory Experience* teaches the science behind the labs. It explains, with a uniquely-engaging authorial voice, the reasons behind the methods. Each lab has a thorough introduction that emphasizes the relevant concepts and applications, and is accompanied by an unparalleled visual program. *Microbiology: The Laboratory Experience* can be used independently or in tandem with either of Norton's microbiology textbooks *Microbiology: The Human Experience* and *Microbiology: An Evolving Science* at an unmatched value.

**About the Author** John W. Foster received his BS from the Philadelphia College of Pharmacy and Science (now the University of the Sciences in Philadelphia) and his PhD from Hahnemann University (now Drexel University School of Medicine), also in Philadelphia, where he worked with Albert G. Moat. After postdoctoral work at Georgetown University, he joined the Marshall University School of Medicine in West Virginia. He is currently teaching in the Department of Microbiology and Immunology at the University of South Alabama College of Medicine in Mobile, Alabama. Dr. Foster has coauthored three editions of the textbook *Microbial Physiology* and has published more than 100 journal articles describing the physiology and genetics of microbial stress responses. He has served as Chair of the Microbial Physiology and Metabolism division of the American Society for Microbiology and as a member of the editorial advisory board of the journal *Molecular Microbiology*. Steve Keating has been teaching and coordinating microbiology labs for 25 years. Over that time, he has acquired both a mastery of lab techniques and a catalog of information on the history and applications of microbiology lab methods. Steve earned his BS in Microbiology at the University of Maryland and his PhD in Entomology at Pennsylvania State University. He began his teaching career at St. Francis College (now St. Francis University), where he directly taught his students these microbiology laboratory techniques. For the past 15 years, Steve has taught microbiology at Pennsylvania State University, where he both lectures and coordinates the introductory lab courses in microbiology. Steve has twice won the Biochemistry and Molecular Biology Department's Althouse Outstanding Instructor Teaching Award. Zarrintaj (Zari) Aliabadi is a physician assistant and a microbiologist. She received her Pharm D from the University of Tehran College of Pharmacy, in Iran, and her PhD in biomedical sciences from Marshall University in Huntington, West Virginia, where she worked with John W. Foster. After her postdoctoral work at the University of South Alabama (USA), in Mobile, Alabama, she joined the Department of Biochemistry at the USA College of Medicine, where she taught biochemistry and conducted research on sickle-cell anemia. Dr. Aliabadi then earned a master's in health sciences from the USA Physician Assistant Studies Program, practiced medicine as a PA in endocrinology, served as director of the USA Diabetic Foot Clinic, and became Chair of the USA Physician Assistant Studies Program. Recently she was named professor emeritus for her contributions. Dr. Aliabadi has taught extensively on infectious disease, pathophysiology, and clinical medicine to undergraduate prehealth profession students, graduate physician assistant students, and medical students. Her publications span the realms of microbiology and medicine. Joan L. Slonczewski received her BA from Bryn Mawr College and her PhD in molecular biophysics and biochemistry from Yale University, where she studied bacterial motility with Robert M. Macnab. After postdoctoral work at the University of Pennsylvania, she has since taught undergraduate microbiology in the Department of Biology at Kenyon College, where she earned a Silver Medal in the National Professor of the Year program of the Council for the Advancement and Support of Education. She has published numerous research articles with undergraduate coauthors on bacterial pH regulation and has published six science fiction novels, including *A Door into Ocean* and *The Highest Frontier*, both of which earned the John W. Campbell Memorial Award. She served as At-Large Member representing Divisions on the Council Policy Committee of the American Society for Microbiology and as a member of the editorial board of the journal *Applied and Environmental Microbiology*.