Microbiology: An Evolving Science and Microbiology:The Laboratory Experience (Third Edition)

Steven Keating, Joan L. Slonczewski, John W. Foster
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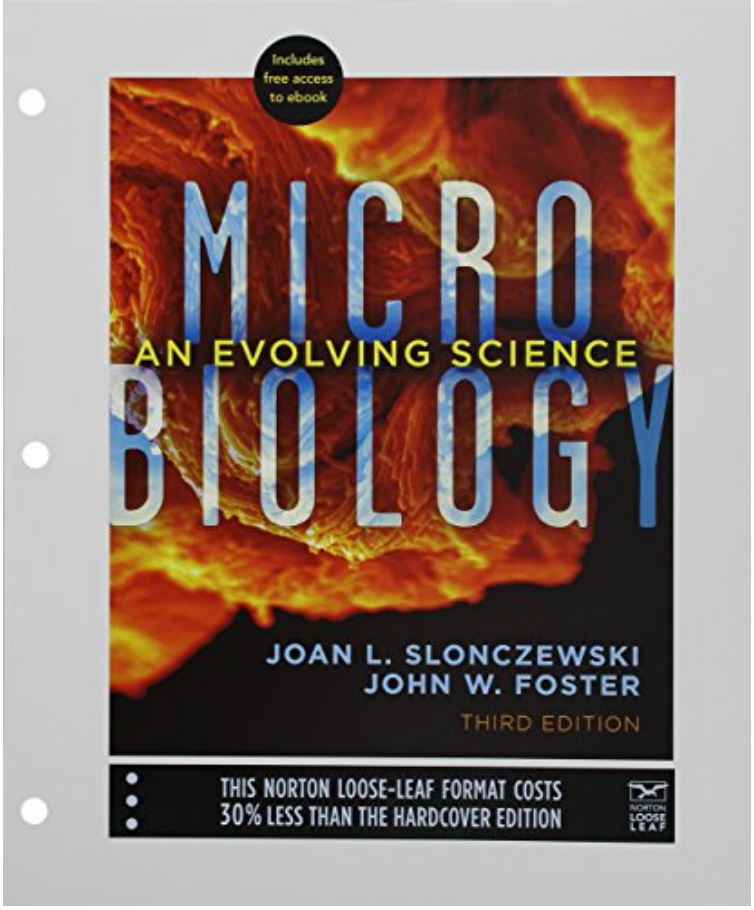

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Steven Keating, Joan L. Slonczewski, John W. Foster : Microbiology: An Evolving Science and Microbiology:The Laboratory Experience (Third Edition) before purchasing it in order to gage whether or not it would be worth my time, and all praised Microbiology: An Evolving Science and Microbiology:The Laboratory Experience (Third Edition):

The most contemporary microbiology textbook is also the most accessible.Extensive new research examples are used to integrate foundational topics with cutting-edge coverage of microbial evolution, genomics, molecular genetics, and biotechnology. Microbiology: An Evolving Science is now more student-friendly, with an authoritative and readable text, a comprehensively updated art program, and an innovative media package.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 Nortons microbiology textbooksMicrobiology: The Human Experience and Microbiology: An Evolving Scienceat an unmatched value.

About the AuthorSteve 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 Althhouse Outstanding Instructor Teaching Award.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.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.