Microbe

Michele Swanson, Gemma Reguera, Moselio Schaechter, Frederick C. Neidhardt
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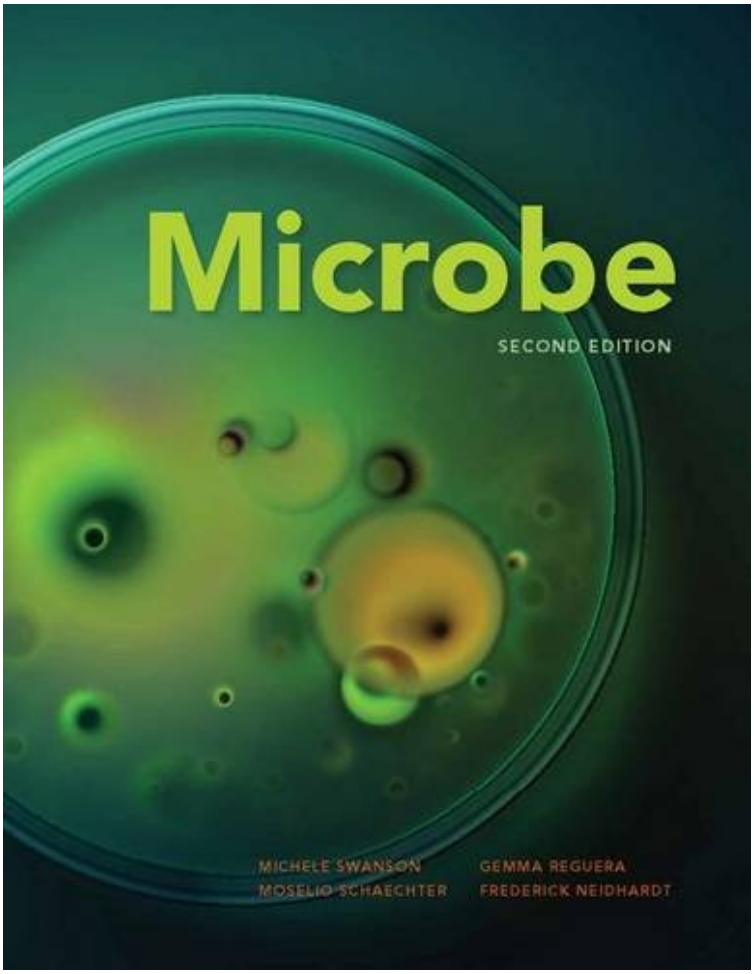

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Michele Swanson, Gemma Reguera, Moselio Schaechter, Frederick C. Neidhardt : Microbe before purchasing it in order to gage whether or not it would be worth my time, and all praised Microbe:

0 of 0 people found the following review helpful. It's a bookBy CustomerAs a biology major, most text books are dry and dull. When I got this book and flipped through it I was like "omigosh the print is larger and there's pictures! YAY!" The writing style makes difficult topics much easier to understand.To be honest, my teachers tests were 90% lecture based so it didn't help in that aspect but that's her fault.I enjoyed reading this book as much as reading a text book for school could be enjoyed.1 of 2 people found the following review helpful. There are a lot of errors in it- so bad that my teacher contacted who ever wrote it to ...By Sam M.The textbook was poorly written. There are a lot of errors in it- so bad that my teacher contacted who ever wrote it to let them know how awful it is0 of 2 people found the following review helpful. too expensiveBy Lao Zhangtoooo expensive.

Brings the excitement, breadth, and power of the modern microbial sciences to the next generation of students and scientists. This new edition of Microbe is an eloquent and highly readable introduction to microbiology that will engage and excite science majors and pre-health professionals. The authors, all prominent scientists, have carefully crafted this lively narrative to bring key microbiology concepts to life and promote a lifelong passion for the microbial sciences. Far more than a comprehensive reference book, Microbe is replete with case studies, ranging from sauerkraut fermentation to the cholera outbreak in Haiti, that illustrate the impact of key microbiology concepts on real-world scenarios. To further engage students and deepen their understanding of both the principles and practice of science, each chapter includes multiple active learning exercises that encourage students to demonstrate their understanding and application of concepts, as well as video, spoken, and written resources. Questions are posed throughout the book to introduce the next key concept and to prompt students to actively participate in the learning experience. An equally valuable tool for instructors who teach a traditional lecture format and those who emphasize active learning in their classroom, Microbe integrates key concepts, learning outcomes, and fundamental statements directly from the ASM Recommended Curriculum Guidelines for Undergraduate Microbiology Education.

This is a fantastic text! Written in a comfortable, conversational style, it grabs the readers attention immediately, sparking their curiosity and keeping them engaged throughout each chapter while they seek and find answers to questions posed at the beginning of each section. A true joy to read. I recommend it highly for both traditional and flipped classrooms. Peggy Cotter, PhD, Professor, Department of Microbiology and Immunology, UNC School of MedicineAbout the AuthorMichele S. Swanson was born and raised in the Midwest, majored in biology at Yale, and discovered biomedical research as a laboratory technician at Rockefeller University. She fell in love with microbial genetics while earning a Masters at Columbia and her doctorate at Harvard Medical School and became captivated by microbial pathogenesis as a postdoc at Tufts University School of Medicine. At the University of Michigan Medical School, her research group investigates how metabolic and environmental cues govern the life cycle of the intracellular pathogen Legionella pneumophila.Gemma Reguera is a native of Spain, where she majored in biological sciences at the University of Oviedo. As a Masters student at the University of Massachusetts in Amherst, she discovered her passion for environmental microbiology and later earned a doctorate in microbiology before moving to Harvard Medical School as a postdoc to study the ecology of infectious diseases. At Michigan State University, she studies microbial energy conversions and physiologies of environmental relevance, particularly those that can be harnessed for applications in bioenergy and bioremediation.