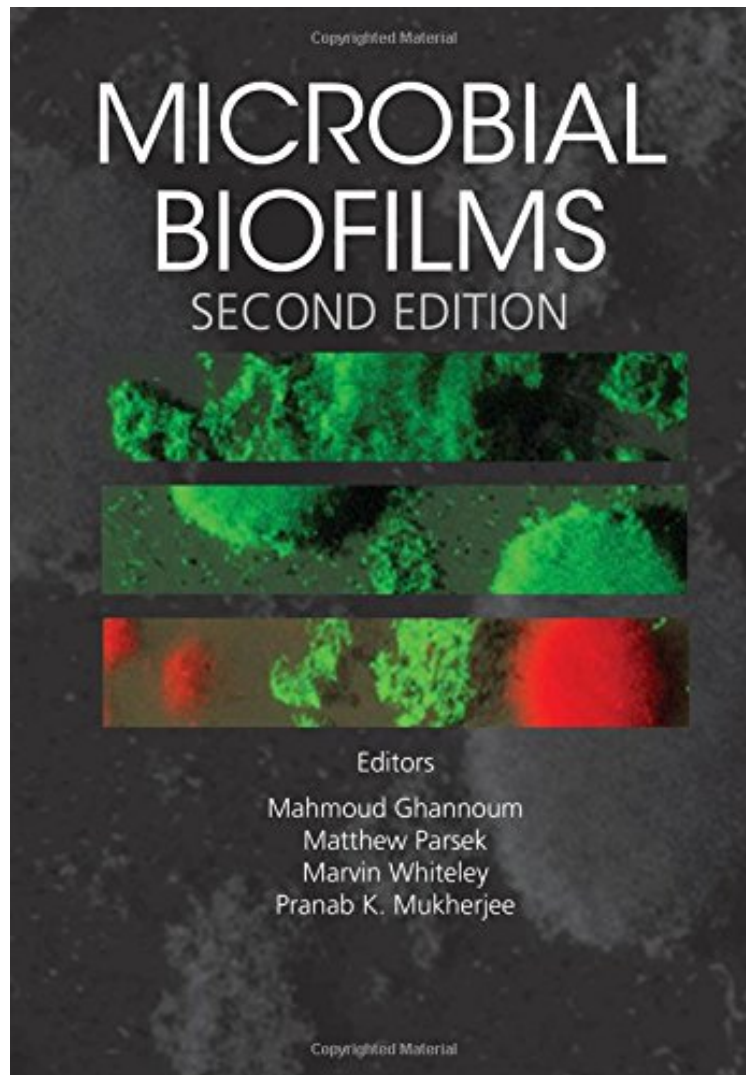


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Microbial Biofilms

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From ASM Press : Microbial Biofilms before purchasing it in order to gage whether or not it would be worth my time, and all praised Microbial Biofilms:

5 of 6 people found the following review helpful. Great for those starting off their studies in biofilmsBy RonnFThis textbook is an informative, well-written work that brings together the current knowledge on biofilms. It is definitely accessible and easy to understand for the outsider or newcomers to the field. It is written in such a way that it can be read from beginning to end, although each chapter is essentially self-contained. The chapter authors are the real heavy-hitters in the field, including Kolter, Lappin-Scott, Costerton and O'Toole, to name a few.The opening chapters really give the reader a feel for how the field developed and got to be where it is today. It also presents the field in an

interesting light, implying that we were late to make the biofilm discovery and there is much to be learned that may be considered low-hanging fruit. It is essentially very welcoming to someone like me, who is new to the area of biofilms. The remaining chapters contain information about communication, behavior, infection, genetic transfer and even some of the current methods for studying bacteria. The chapters are very well referenced and the book is easy to navigate. There are also some very lovely, illustrative images throughout the book and some color images in the center. This book is highly recommended for anyone studying biofilms.

An examination of the research and translational application to prevent and treat biofilm-associated diseases In the decade since the first edition of *Microbial Biofilms* was published, the interest in this field has expanded, spurring breakthrough research that has advanced the treatment of biofilm-associated diseases. This second edition takes the reader on an exciting, extensive review of bacterial and fungal biofilms, ranging from basic molecular interactions to innovative therapies, with particular emphasis on the division of labor in biofilms, new approaches to combat the threat of microbial biofilms, and how biofilms evade the host defense. Chapters written by established investigators cover recent findings, and contributions from investigators new to the field provide unique and fresh insights. Specifically, *Microbial Biofilms* provides state-of-the-art research in the field of bacterial and fungal biofilms detailed descriptions of the in vitro and in vivo models available to evaluate microbial biofilms future areas of research and their translational and clinical applications *Microbial Biofilms* is a useful reference for researchers and clinicians. It will also provide insight in the dynamic field of microbial biofilms for graduate and postgraduate students.

Biofilms influence human health and agriculture, and sustain diverse ecosystems. This second edition of *Microbial Biofilms* provides a masterful overview of critical topics central to fungal and bacterial biofilms by celebrated experts in the field. It is a must read for any professional seeking basic or advanced knowledge of microbial biofilms. David S. Perlin, Professor and Executive Director Public Health Research Institute, New Jersey Medical School-Rutgers University About the Author Mahmoud A. Ghannoum is a Professor in the Department of Dermatology at Case Western Reserve University and University Hospitals Case Medical Center and Director of the Center for Medical Mycology. Dr. Ghannoum's investigations include the biology, pathogenesis, and resistance of clinically important fungi *Candida*, *Aspergillus*, and *Cryptococcus*, and his work has recently focused on the oral microbiome, fungal species, and human disease. He has published more than 300 peer-reviewed articles in the field of biofilms, microbial pathogenesis, and preclinical in vitro and in vivo evaluations of antimicrobials. Matthew Parsek is a Professor of Microbiology at the University of Washington, School of Medicine at Seattle. Dr. Parsek's research focuses on microbial community behaviors and their relationship to disease.