

Microbial Biofilms: Omics, Biology, Antimicrobials, and Clinical Implications

Microbial biofilms are complex communities of microorganisms that adhere to surfaces and form a protective matrix. They are found in a variety of environments, including the human body, and can cause a variety of infections. Biofilms are often difficult to treat, as they are resistant to antibiotics and other antimicrobial agents.

This book provides a comprehensive overview of the biology of microbial biofilms, with a focus on their clinical implications. The book is divided into four sections:

- **Section 1: Omics of Microbial Biofilms**
- **Section 2: Biology of Microbial Biofilms**
- **Section 3: Antimicrobials and Microbial Biofilms**
- **Section 4: Clinical Implications of Microbial Biofilms**

The first section of the book provides an overview of the omics of microbial biofilms. This includes genomics, transcriptomics, proteomics, and metabolomics. The authors discuss how these techniques can be used to study the structure and function of biofilms, and how they can be used to identify new targets for antimicrobial therapy.

Microbial Biofilms: Omics Biology, Antimicrobials and Clinical Implications

★★★★★ 5 out of 5

Language : English

provides a comprehensive overview of the biology of microbial biofilms, with a focus on their clinical implications. The book is an essential resource for anyone who is interested in understanding and treating biofilm infections.



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Language : English
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Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Print length : 290 pages



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