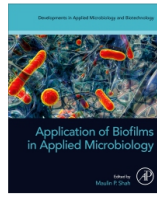


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Application of Biofilms in Applied Microbiology

1st Edition - August 9, 2022

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Description

Application of Biofilms in Applied Microbiology gives a complete overview on the structure, physiology and application of biofilms produced by microbes, along with their potential application in biotechnology. Sections cover new technologies for biofilm study, physiology of microorganisms in biofilms, bacterial biofilms, biofilm development, and fungal biofilms, summarizing various technologies available for biofilm study. Subsequent chapters describe biofilm developments with *Bacillus subtilis*, *Escherichia coli*, and *Pseudomonas putida*, along with several chapters on the study of microbial

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Acknowledgment

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Chapter 3 - Biofilm matrix proteins

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Abstract

Biofilms are aggregates of diverse communities of microorganisms that are attached to living or inert surfaces. Microorganisms attach irreversibly to various surfaces and produce many extracellular polymers, which facilitate their growth, resulting in a matrix

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