

Special Issue

Mechanisms in Biofilm Formation, Tolerance and Control: 2nd Edition

Message from the Guest Editors

Research on biofilms has progressed rapidly in the last two decades. The scientific community has come to understand many things about the particular biology of microbial biofilms through a variety of microscopic, physical, chemical, and molecular techniques. Such advances provided fundamental insights for the management of biofilms by different approaches. For problematic biofilms, some studies seek to prevent biofilm formation, others aim to develop antimicrobial agents to treat existing biofilms, and others to disrupt the polymeric ties that bind the biofilms together. It is now clear that the study of biofilms requires a multidisciplinary approach, and that the knowledge on many of the aspects affecting biofilm formation and resistance remains superficial. This Special Issue aims to collect the recent advances in biofilm research, particularly the mechanisms underlying biofilm formation and tolerance to antimicrobials. Studies on control approaches targeting specific biofilm mechanisms are within the aim of this Special Issue.

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