

Special Issue

Microbial Biofilms and Antibiofilm Agents

Message from the Guest Editors

Although the intense basic research on biofilms that has been carried out in recent decades has improved our capacity to design original and efficient therapeutic approaches to specifically target biofilm-related infections, most of these approaches are still at a developmental stage, and treatment of biofilm infections currently represents a challenging task for microbiologists and clinicians. Several mechanisms are responsible for the recalcitrance of biofilms to conventional antimicrobial treatments. To increase the translational potential of novel antibiofilm approaches, much work still needs to be done. Moreover, the increasing awareness of the polymicrobial nature of biofilms should lead to the development of dedicated approaches to study bacteria–bacteria or bacteria–fungi interactions and their consequences on biofilm pathogenesis or tolerance towards antibiotics.

This Special issue aims to gather a collection of papers focused on biofilm infections and new strategies to target them, with special interest at the molecular mechanisms involved in antibiofilm action.

Guest Editors

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