



New Strategies for Pathogenic Biofilms

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Message from the Guest Editor

Dear Colleagues,

The biofilm form is a very effective refuge for harboring cells since it provides high resistance to environmental stressors, including the immune system and therapeutic interventions. One of the defensive strategies is a protective layer consisting of a mixture of extracellular polymeric substances secreted by the cells established within the biofilm. Furthermore, inside the biofilm, the bacteria create unique social interactions and launch various defensive strategies to protect the community.

In summary, a clear understanding of the exact mechanism of biofilm development and its resistance strategies against the immune system and antibiotics, as they function in model systems that mimic clinical conditions, could help us develop therapeutic targets for chronic conditions caused by pathogenic biofilms.

This Special Issue seeks manuscript submissions for novel model systems to study biofilm physiology, host immune response, and new therapeutic approaches for pathogenic biofilms such as original research papers, short communications, reviews, case reports, and perspectives.





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Message from the Editor-in-Chief

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