Special Issue

Microbial Biofilms: New Insights into Formation, Resistance and Control

Message from the Guest Editor

Biofilms are structured microbial communities formed on different surfaces which play an important role for the protection and survival of microorganisms against environmental stresses. Adherent cells are well known for their resilience and resistance to different antimicrobial agents. Therefore, biofilms pose significant medical challenges when pathogenic bacteria or fungi adhere to medical devices and wounds, leading to chronic infections that are difficult and sometimes impossible to treat. Understanding biofilm formation, as well as their structure, may provide essential information for developing new effective strategies to prevent biofilm formation or eradicate existing biofilms, leading to innovative therapeutic solutions. Authors are invited to submit their latest original findings on biofilm formation, structure, and communication of biofilm cells as well as strategies used to control microbial biofilms to this *Microorganisms* Special Issue entitled “Microbial Biofilms: New Insights into Formation, Resistance and Control”.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

"Microorganism" merges the idea of the very small with the idea of the evolving reproducing organism is a unifying principle for the discipline of microbiology. Our journal recognizes the broadly diverse yet connected nature of microorganisms and provides an advanced publishing forum for original articles from scientists involved in high-quality basic and applied research on any prokaryotic or eukaryotic microorganism, and for research on the ecology, genomics and evolution of microbial communities as well as that exploring cultured microorganisms in the laboratory.

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