Special Issue

Advances in Microbial Biofilm Formation

Message from the Guest Editor

Microbial biofilm formation, is the coordinated assembly of self-replicating cells into multicellular communities. As challenges can be met under almost or even all circumstances, the biofilm formation of microorganisms is even today ubiquitous and diverse. Although beneficial in many settings such as biofilm formation of microorganisms in the global terrestrial biosphere, of the commensal flora, and of microbes in wastewater treatment, and much more common, detrimental biofilm formation can also occur in clinical, industrial, and agricultural settings can implement undesirable long-term consequences. Due to the complexity of multicellular aggregate formation, theoretical and experimental approaches from different disciplines need to tackle the various aspects of biofilm formation. In this volume of featured papers, some of the diverse aspects of biofilm research will be addressed.

Guest Editor

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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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