

Special Issue

Biofilm Formation and Survival Strategies

Message from the Guest Editors

Biofilm formation confers many survival advantages for bacteria in a diverse range of environments. These include protection against antibiotics and antimicrobial agents, host immune defenses, desiccation, UV damage, and nutritional and mechanical stresses. Many of these protective mechanisms are emergent properties unique to the biofilm phenotype. In this Special Issue we invite papers which focus on various aspects of biofilm survival strategies in the natural and built environments, as well as in animal and human infection. By compiling papers covering a broad range of disciplines which are impacted by biofilms, we wish to allow readers to appreciate not only the diversity in types of biofilms but to also allow a “cross-fertilization” of ideas in terms of understanding how a survival mechanism in one context may be applicable to another and how biofilm control strategies can be borrowed from one discipline to another.

Guest Editors

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Deadline for manuscript submissions

closed (28 February 2023)



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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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