



Microbial Adaptations and Genomes under Extreme Conditions

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Message from the Guest Editors

Life under extreme conditions has been a subject under scrutiny in the last few decades for numerous studies. A variety of organisms have shown that not only can they tolerate these conditions, but also that they often require these extreme conditions for living.

In this Special Issue of *Microorganisms*, we invite you to send contributions, in the form of original research or review papers, concerning any aspects related to the microbial adaptations and genomes under extreme conditions, from the identification and characterization of microbial communities inhabiting extreme environments to the macromolecules and metabolism adaptation to extreme conditions. The studies have implications for prediction of the boundaries of life, origin of life and exobiology, as well as for biotechnological applications.





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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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