

Special Issue

Genomics of Extremophiles and Archaea

Message from the Guest Editors

The number of sequenced extremophiles and archaea has significantly increased over the decades, driven by increasingly powerful sequencing and analysis methods. The resulting millions of genes and predicted proteins provide a potent resource for the advancement of both science and technology. Advanced technologies and bioinformatics are providing insights into their structure and function, evolution, epigenetic characteristics and regulatory networks. This Special Issue on extremophiles and archaea aims to spotlight studies that incorporate a combination of genomic, metagenomic, post-genomic, bioinformatic and experimental analyses. Reports on genomes from recently isolated novel species, including their analysis and utilization, are especially encouraged, as they provide insights into extreme environments, and biotechnological and/or biomedical applications. As the of the Special Issue, it is our pleasure to invite you to submit your cutting-edge, interdisciplinary research articles and reviews related to extremophilic and archaeal genomics.

Guest Editors

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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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