Special Issue

Cyanobacteria and Their Phages in the Aquatic Ecosystem

Message from the Guest Editors

Cyanobacteria, a versatile group of photosynthetic prokaryotes that have high population diversity and metabolic plasticity, are important primary producers in aquatic environments. They coexist with high numbers of cyanophages that infect and kill them. Cyanophages are believed to play a key role in regulating cyanobacterial population composition, impacting their diversity and evolution, and influencing carbon and nutrient cycling on a global scale. In this Special Issue, we encourage the submission of articles, including original research, reviews, and short communications, focusing on (but not limited to) the genetic diversity, evolution, and ecological role of cyanobacteria and their phages across all aquatic systems, as well as on the interactions of cyanophages with their photosynthetic hosts and the environment. We hope the collections in this Issue will provide readers with a broad view of cyanobacteria and cyanophages and their potential impacts on our environments.

Guest Editors

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Deadline for manuscript submissions

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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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