



## Integrative Phylogeny, Physiology and Ecology of Cyanobacteria

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submissions:  
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### Message from the Guest Editor

Dear Colleagues,

Cyanobacteria are a highly diverse group of oxygenic photosynthetic prokaryotes that inhabit the most extreme sites of our planet in great abundance. Their phylogeny is under constant revision, and they exhibit a versatile physiology and wide ecological tolerance that can also be applied for biotechnological purposes.

The Special Issue will focus on the combination of phylogenetic, morphological, physiological and ecological aspects. For example, the isolation of new strains, their identification and screening for new active agents and valuable substances, or physiological characterization that explains ecological distribution patterns or opens up potential new applications in biotechnology. Possible review and research articles could be, for example, the exploitation of terrestrial cyanobacteria in PHB production; the application of cyanobacteria as producers in urban biofilm reactors; the use of novel gene regions for phylogenetic differentiation and better interpretation of taxonomic characters.





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## Editor-in-Chief

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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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