Special Issue

Molecular Ecology of Microalgae and Cyanobacteria

Message from the Guest Editors

Molecular omics methods are dramatically transforming the field of ecology, allowing research questions and hypotheses to be tested in situ that would have been impossible to answer just a few years ago. An often-overlooked component of terrestrial habitats are microalgae and cyanobacteria, which are found almost everywhere on Earth, from the cold deserts of the polar regions to tropical rainforests and from endolithic species to epiphytic forms growing on trees and free-living and symbiotic forms, and are often important primary producers in their respective ecosystems. Even today, we know little about the diversity (intra- and interspecific) of these organisms and how they survive the occasional extreme conditions of their specific habitat. This Special Issue aims to bring together scientists using modern omics approaches to understand the ecology/biology of these amazing organisms.

Guest Editors

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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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