

# Special Issue

## Algae-Bacteria Interactions in Environment

### Message from the Guest Editor

Algal-bacterial interaction is a ubiquitous interaction in aquatic and soil ecosystems, in which algae perform photosynthesis to release oxygen and produce organic carbon (e.g., extracellular polysaccharides), thereby supplying bacteria with both a carbon source and habitat. In turn, bacteria mineralize nutrients—such as nitrogen, phosphorus, and essential growth factors—making them available to algae, thus completing a closed-loop energy and matter cycle. This partnership not only drives primary productivity in ecosystems but also plays a key role in regulating carbon and nitrogen cycling and in the degradation of pollutants.

### Guest Editor

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### Deadline for manuscript submissions

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## Microorganisms

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"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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