

# Special Issue

## Synthetic Biology Applied to Environmental Microorganisms

### Message from the Guest Editors

Environmental microorganisms have enormous functional potential. They are metabolically versatile and naturally adapted to thrive in different conditions, even the harshest ones. They are an interesting niche in which to discover new enzymes, new metabolites, and novel compounds, and they are also an interesting chassis for different applications. Synthetic biology is undoubtedly a useful approach to gain knowledge on environmental microorganisms and to exploit their functional potential. In this Special Issue of *Microorganisms*, we invite researchers to contribute their original articles or reviews regarding synthetic biology approaches applied to environmental microorganisms.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 December 2023)



## Microorganisms

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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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### Editor-in-Chief

Dr. Nico Jehmlich

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.2 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).