

# Special Issue

## Microbial Taxonomy and Environmental Metagenomics: Diversity, Dynamics, and Functional Genes

### Message from the Guest Editors

The purpose of this Special Issue is to bring together original research and reviews on microbial taxonomy and diversity explored through both conventional and metagenomic approaches. We particularly welcome studies on the systematics of archaea, bacteria, and fungi; investigations into the structure and dynamics of microbial communities; and the discovery of functional genes of environmental importance. Methodological innovations and integrative studies that connect taxonomy, ecology, and function are also encouraged. By bridging classical taxonomy with metagenomic discoveries, this Special Issue aims to highlight the expanding frontiers of microbial diversity research.

### Guest Editors

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**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

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#### High Visibility:

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#### Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

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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).