

Special Issue

Microbes in Wastewater Treatment

Message from the Guest Editor

This Special Issue is important for environmental protection and biotechnological processes for wastewater treatment based on microbial engineering. Novel approaches for applying microbes to new treatment technologies, biotechnological applications that substantially enhance wastewater treatment processes, and the ecology of microorganisms thriving in bioreactors and identification of their ecological roles within the wastewater treatment process deserve a spotlight, which we aim to provide. Thus, this new Special Issue of *Microorganisms*, entitled 'Microbes in Wastewater Treatment', will gather contributions on the following topics:

- Novel technologies for the bioremediation of environmental pollution in water;
- The effects of pollutants on microbial communities in biotechnological processes and the adaptation processes of such microbes used in response to the environmental stresses of pollution;
- The role of microbial communities in the removal of pollutants from wastewater;
- Ecological studies of novel microbial taxonomies thriving in wastewater systems.

Guest Editor

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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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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).