Special Issue

Advances in the Use of Electroactive Microbes for Wastewater Treatment

Message from the Guest Editor

This Special Issue, entitled "Advances in the Use of Electroactive Microbes for Wastewater Treatment", aims to present recent research on aspects of microbiology that are related to bioelectrochemical processes that enhance wastewater treatment. Topics include, but are not limited to, the following:

- Microbial fuel cells for recovering electricity from wastewater and their associated functional microorganisms.
- Biogas production facilitated by conductive carbon via direct electron transfer (DIET).
- Removal of nitrogenous compounds through bioelectrochemical processes.
- Production of hydrogen and other valuable products from wastewater using bioelectrochemical approaches.

Reviews, original research, and communications are welcome.

Guest Editor

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Deadline for manuscript submissions

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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.

Editor-in-Chief

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Journal Rank:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the second half of 2025).

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