

Special Issue

Effects of Electrical Stimulation on Emerging Contaminants and Microbial Communities in Wastewater

Message from the Guest Editor

This Special Issue seeks to explore the latest advancements in this field, providing a platform for researchers to share their findings and insights. We welcome the submission of original research articles and reviews that contribute to our understanding and the advancement of water pollution control technologies and BESs for emerging contaminants. Research areas may include, but are not limited to, the following:

- Development and evaluation of novel BES configurations;
- Mechanistic studies on pollutant degradation in BESs;
- Impact of environmental factors (e.g., temperature, pH) on BES performance;
- Integration of BESs with other treatment processes for synergistic pollutant removal;
- Long-term performance and stability of BESs in real-world applications;
- Environmental risk assessment of emerging contaminants and their transformation products.

We look forward to receiving your contributions.

Guest Editor

Dr. Nuerla Ailijiang

College of Ecology and Environment, Xinjiang University, Urumqi 830017, China

Deadline for manuscript submissions

30 November 2025



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/243383

Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)





Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)



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

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for
Environmental Research, 04318 Leipzig, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

Journal Rank:

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

Rapid Publication:

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).