

Special Issue

Microorganisms and Hazardous Waste: Insights into Bioremediation and Safe Disposal

Message from the Guest Editors

Microorganisms are proposed as an eco-friendly solution for the remediation of hazardous waste environments. Many advances have been performed to elucidate these mechanisms. Nevertheless, there is still an urgent requirement to explore concepts for practicable technologies that can be applied to these ends.

It is necessary to expand and intensify studies about microbe–hazardous waste interactions, for example, how they may control radionuclide mobility, and how they can be applied to bioremediate hazardous pollutants.

This Special Issue thus welcomes research on all these challenges. We look forward to your valuable contributions.

Guest Editors

Dr. Fadwa Jroundi
Dr. Cristina Povedano-Priego
Dr. Mohamed Larbi Merroun

Deadline for manuscript submissions

closed (30 April 2024)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/133088

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 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).