



## Latest Advances in the Microbial Degradation of Hazardous Organic Contaminants

Guest Editor:

**Dr. Anna Muratova**

Institute of Biochemistry and  
Physiology of Plants and  
Microorganisms, Saratov  
Scientific Centre of the Russian  
Academy of Sciences (IBPPM  
RAS), Saratov 410049, Russia

Deadline for manuscript  
submissions:

**closed (31 May 2024)**

### Message from the Guest Editor

This Special Issue "Biodegradation of Hazardous Organic Contaminants" of *Microorganisms* welcomes original research and review articles that present the latest advances in the microbial degradation of hazardous organic contaminants. The topics that fit the scope of the Special Issue are as follows:

- Taxonomic diversity of microorganisms degrading hazardous organic contaminants.
- Degradation pathways (including enzymes and metabolites) of hazardous organic contaminants.
- Influence of biotic (interactions of microorganisms with plants, fungi, and among themselves) and abiotic (environmental conditions and the presence of various additives) factors on the degradation of hazardous organic contaminants.
- Selection and study of microorganisms degrading new synthetic compounds.
- Genomics as a way for improving biodegradation of hazardous organic contaminants.
- Use of metagenomics, metatranscriptomics, metabolomics, and metaproteomics to predict the catabolic potential of microorganisms in a polluted environment.

Papers on other relevant topics are also welcome.





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## Editor-in-Chief

### Dr. Nico Jehmlich

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

## 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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*Microorganisms* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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