

# Special Issue

## Multidrug-Resistant Bacteria in the Environment, Their Resistance and Transfer Mechanisms

### Message from the Guest Editors

This Special Issue is open to any high-quality research dealing with: -Following the path of ARGs and ARB from hospitals, nursing homes, intensive animal husbandry, and municipal wastewater treatment plants to the environment and/or the way back; -The mechanisms of spread of ARGs and ARB in the environment (mainly focusing on soils and plants); -The quantification of horizontal gene transfer (HGT) of ARGs in the environment, including the design and application of new methods for quantitative monitoring of ARG transfer on one hand and identification of hot spots of ARG transfer on the other hand.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2022)



**Microorganisms**

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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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### Editor-in-Chief

Dr. Nico Jehmlich

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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).