

Special Issue

Surveillance of Pathogens in Wastewater

Message from the Guest Editors

In the context of climate change and increasing anthropogenic pressures, treated wastewater serves as an alternative water resource, primarily used for irrigation in agriculture. Therefore, their surveillance is crucial for ensuring water safety and safeguarding global health. The investigation of pathogens in wastewater involves a wide range of interdisciplinary fields, including microbiology, epidemiology, public health, clinical and environmental sciences, all of which play a key role within the One Health framework. Understanding geological and hydrogeological features is crucial for evaluating the transport and persistence of pathogens in the subsoil, their presence in the groundwater, and the subsequent risk of contamination for drinking water supplying. The purpose of this Special Issue is to collect and publish the most recent research concerning chemical and biological contaminants that provide early warnings of the spread of pathogens in groundwater and of sanitary and environmental conditions risky for human health.

Guest Editors

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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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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).