Special Issue

Advances in Research on Waterborne Pathogens

Message from the Guest Editor

Research on waterborne pathogens has become increasingly critical in addressing public health concerns associated with water contamination. The study of waterborne pathogens encompasses a wide range of interdisciplinary fields, including microbiology, environmental science, public health, and epidemiology. Understanding the transmission, survival, and control of waterborne pathogens is essential for safeguarding water quality and human health. For this Special Issue, we welcome contributions that address the key areas of research mentioned above and provide valuable insights into the dynamics and management of waterborne pathogens. Original articles, review articles and short communications are welcome. Topics include but are not limited to the following:

- Pathogen Detection and Identification
- Pathogen Persistence and Adaptation
- Emerging Pathogens and Antimicrobial Resistance
- Future research in this field is expected to focus on the development of innovative water treatment technologies, the impact of climate change on waterborne diseases, and the implementation of advanced surveillance systems for early detection of waterborne outbreaks.

Guest Editor

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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.

Editor-in-Chief

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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).

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