

Special Issue

Advances in Combating Bacterial Infections: Resistance, Treatment, and Prevention

Message from the Guest Editor

The dynamics of infectious diseases are constantly evolving, presenting ongoing challenges to the global health community. Rapid action and collaborative efforts are essential to address these challenges effectively.

This Special Issue aims to foster a multidisciplinary dialogue on the complexities and emerging strategies in the management of infectious diseases, particularly those caused by bacteria. Topics of interest include, but are not limited to, the following: - Epidemiology of bacterial infections;

- Clinical manifestations and pathogenesis of infectious diseases;
- Innovative treatment modalities and prognosis;
- Prevention strategies for bacterial infections;
- Re-emerging bacterial infections;
- Biofilm-related infections and their management;
- Advances in combating antibiotic resistance;
- Novel therapeutic approaches and methodologies.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2025)



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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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Journal Rank:

JCR - Q2 (Microbiology) / CiteScore - Q1 (Microbiology (medical))

Rapid Publication:

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).