# Special Issue

# Advances in Antimicrobial Treatment

### Message from the Guest Editors

The ongoing battle against microbial pathogens, including viruses, bacteria, and fungi, continues to challenge global health systems, particularly in the face of rising antimicrobial resistance. This Special Issue of *Microorganisms* invites groundbreaking research and comprehensive reviews that advance our understanding and treatment of microbial infections. Contributions may explore novel therapeutic strategies, including drug development, the repurposing of existing antivirals, antibacterial and antifungal agents, innovative combination therapies, and alternative approaches such as phage therapy and immune modulation. We particularly welcome studies employing cutting-edge methodologies, such as in silico modeling, high-throughput screening, and omics technologies, to identify potential antimicrobial targets and optimize therapeutic interventions. Submissions addressing the mechanisms of resistance, host–pathogen interactions, or the clinical translation of antimicrobial agents are also encouraged.

### Guest Editors

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### Deadline for manuscript submissions

31 January 2026

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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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**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).

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