

# Special Issue

## Bloodstream Infection: Common and Uncommon Pathogens

### Message from the Guest Editor

Bloodstream infection (BSI) is a major health burden worldwide and it is responsible for high morbidity and mortality rates. Many different microorganisms could cause this type of infection. In particular, common pathogens of BSIs, such as *Escherichia coli*, *Klebsiella pneumoniae*, *Pseudomonas aeruginosa* and *Staphylococcus aureus*, frequently may exhibit antibiotic resistance. Multidrug resistant patterns have resulted in difficult-to-treat or even untreatable infections with conventional antimicrobials. Otherwise, changes in the host (especially immunosuppression) allow uncommon or usually nonpathogenic microorganisms to cause BSIs. In this scenario, the availability of updated epidemiological data on antimicrobial resistance in frequently encountered bacterial and fungal pathogens and reported cases of uncommon microorganisms are useful for clinicians in the management of patients with BSI. This Special Issue of *Microorganisms* seeks to publish manuscripts that could expand our knowledge on the pathogens (both bacteria and fungi) causing BSIs. Studies aimed at investigating the treatment of these infections, especially with new drugs, are also welcome for submission.

### Guest Editor

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### Deadline for manuscript submissions

31 December 2025



## Microorganisms

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Impact Factor 4.2  
CiteScore 7.7  
Indexed in PubMed



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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

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

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