

# Special Issue

## Clinical Microbiology and Antimicrobial Stewardship

### Message from the Guest Editor

Currently, there is a clear increase in antibiotic resistance in bacteria, especially in Gram-negative bacilli. The fight against this antibiotic resistance is based, among other things, on rapid diagnosis and the proper use of antibiotics. For this reason, the implementation of antimicrobial stewardship programs has developed significantly. This proper use of antibiotics is based on the rapid identification of the site of infection, the mechanisms of resistance, the optimization of antibiotic use (in terms of dosage, administration methods, duration of treatment) and on the rules of escalation or de-escalation of antibiotic therapy. The project of this Special Issue is to promote the publication of literature reviews, original studies, and communications on the topic of antimicrobial stewardship and the proper use of antibiotics. We look forward to your contributions. Keywords

- antibiotic resistance
- mechanisms
- bacteria
- rapid diagnosis
- antimicrobial stewardship

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### Guest Editor

Dr. Benoît Pilmis  
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### Deadline for manuscript submissions

closed (30 June 2023)



## Microorganisms

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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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indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPlus / SciFinder, AGRIS, and other databases.

#### Journal Rank:

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

#### Rapid Publication:

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).