Special Issue

Antimicrobials outside the Traditional Antibiotics

Message from the Guest Editor

The scope of articles accepted for the Special Issue:

- Study of antibacterial compounds based on phytochemicals, their mechanism of action, and metabolic pathways within the pathogen;
- Study of novel targets for phytochemicals within the bacterial community and mechanism of their specificities;
- Study of metal complexes as novel antibacterials and their mechanism of action on the pathogens;
- Study of novel targets for metal complexes for antibacterials and their selectivity within the bacterial community;
- Investigation of systemic effects of antibacterials based on phytochemicals and metal complexes on bacterial infections in animals;

Articles that will not be selected:

- Commercial antibiotics, unless used as a comparison with the alternative approaches;
- Bacteriophage-based therapies and their applications;
- Metal nanoparticles and their different forms as antibacterial agents.

Guest Editor

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Deadline for manuscript submissions

closed (1 April 2022)

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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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Author Benefits

High Visibility:

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 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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