

Special Issue

Beneficial Microorganisms and Antimicrobials: 2nd Edition

Message from the Guest Editor

This Special Issue is a continuation of our 2023 Special Issue "Beneficial Microorganisms and Antimicrobials".

We kindly invite you to send your latest research results or review articles to this Special Issue, which will clarify the highly discussed beneficial bacteria and their antimicrobials, as well as in vitro characterization of the mechanisms using various experimental model systems to simulate in vivo their biological activity, in parallel with probiotic phenomena that are not well recognized. Underlying their safety and efficacy, high productivity based on innovative and reliable technologies allows for the advancement of new therapeutics, limits the invasion of pathogens and paves the way for new approaches in limiting the expansion of antibiotic resistance.

Guest Editor

Prof. Dr. Svetla Trifonova Danova

Department of General Microbiology, The Stephan Angeloff Institute of Microbiology, Bulgarian Academy of Sciences, 26 Acad. Georgi Bonchev Str., 1113 Sofia, Bulgaria

Deadline for manuscript submissions

closed (30 June 2025)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/194232

Microorganisms
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
microorganisms@mdpi.com

[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)





Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



[mdpi.com/journal/
microorganisms](https://mdpi.com/journal/microorganisms)



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

Dr. Nico Jehmlich

Department of Molecular Toxicology, UFZ-Helmholtz Centre for
Environmental Research, 04318 Leipzig, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, PubAg, CAPus / 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).