

Special Issue

Novel Antimicrobial Strategies

Message from the Guest Editors

Science and technology based on novel antimicrobial strategies with the use of protocols and/or products for the control of microorganisms resistant and/or tolerant to physical and/or chemical agents are fundamental in the advancement of scientific knowledge, using integrated and unified approaches, aiming at the balance and optimization of the health of people, animals, plants, and the environment. Thus, this Special Issue aims to showcase studies that propose novel antimicrobial strategies to control the challenges related to multidrug-resistant microorganisms and the problem of biofilm tolerance to physical and chemical agents in different areas of knowledge.

Guest Editors

Prof. Dr. Evandro Watanabe

Dr. Denise De Andrade

Prof. Dr. Cláudia Helena Silva-Lovato

Deadline for manuscript submissions

closed (31 October 2025)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/207177

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, 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).