

Special Issue

BioWarriors Unleashed: Exploring Nature's Arsenal Against Pathogenic Microorganisms

Message from the Guest Editor

This Special Issue provides a platform for researchers to share insights, advancements, and innovative strategies related to harnessing the potential of natural products as valuable therapeutic agents against microbial infections. We invite researchers from diverse disciplines to contribute to this interdisciplinary exploration of the antimicrobial properties of natural products, fostering collaboration and knowledge exchange in the field of antimicrobial research. Our interests encompass a broad spectrum of topics within the realm of antimicrobial research, focusing on the exploration of nature's arsenal against microbial threats. Our scope extends beyond conventional boundaries, delving into unconventional avenues and novel strategies to combat infectious diseases. Our interests include, but are not limited to, the following:

- Multidrug-Resistant Bacteria.
- Antiviral Effects.
- Tropical Infectious Diseases (malaria, leishmaniasis, and Chagas disease).
- Antifungal Agents.
- Antimicrobial Action Mechanisms.
- Characterization of Antimicrobial Molecules.
- Synergistic Combinations.

Guest Editor

Prof. Dr. Rômulo F. Carneiro

Laboratório de Biotecnologia Marinha–BioMar-Lab, Departamento de Engenharia de Pesca, Universidade Federal do Ceará, Campus do Pici s/n, Bloco 871, Fortaleza 60440-970, CE, Brazil

Deadline for manuscript submissions

closed (31 March 2026)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/200179

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 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).