

Special Issue

Epidemic Microbial Diseases: From the Tropics to Global Health Threats

Message from the Guest Editor

The Special Issue will highlight and advance research on epidemic microbial diseases that originate in tropical regions but increasingly pose global health threats due to their expanding geographic ranges and climate change. We seek contributions that explore the biology of pathogens, transmission dynamics, epidemiological trends, and innovative control measures aimed at curbing the spread of these diseases. We invite original research articles and reviews from experts in fields such as microbiology, epidemiology, tropical medicine, entomology, and public health. Topics of interest include, but are not limited to, host–pathogen interactions, ecological and environmental factors affecting microbial diseases, innovative diagnostics and therapeutics, drug repurposing, vaccine development, and prevention strategies. Contributions addressing interdisciplinary approaches, global health impacts, and the development of new therapeutics are particularly welcome. I look forward to receiving your contributions.

Guest Editor

Dr. Kalesh Karunakaran

School of Health and Life Sciences, Teesside University,
Middlesbrough, UK

Deadline for manuscript submissions

30 September 2025



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/216439

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).