Special Issue

Advances in Vector-Borne Diseases

Message from the Guest Editor

Vector-borne diseases (such as dengue, chikungunya, Zika, yellow fever, malaria, leishmaniosis, Chagas disease, sleeping sickness, bubonic plague, Rift Valley fever, Japanese encephalitis, West Nile fever, louse-borne relapsing fever) are caused by either viruses, bacteria, or parasites that are transmitted to humans via vectors—mostly bloodsucking arthropods. According to the WHO, the proportion of vector-borne diseases of all infectious diseases is 17%. Every year, 700,000 deaths worldwide are attributable to vector-borne diseases. Vector-borne diseases thus pose a substantial challenge to public health. In order to develop effective prevention strategies, it is crucial to thoroughly assess the epidemiological situation of vector-borne diseases, investigate developments in disease and vector occurrence, gain further knowledge about the respective diseases and determine the effectiveness of preventive measures. For this purpose,we invite authors to submit original research articles, review articles, and short communications related to various aspects of vector-borne diseases, especially with regard to epidemiology, surveillance, diagnostics, therapy, and prevention.

Guest Editor

Dr. Merle Margarete Böhmer

1. Bavarian Health and Food Safety Authority (LGL), Lazarettstrasse 67, 80636 Munich, Germany
2. Faculty of Medicine, Institute of Social Medicine and Health Systems Research, Otto-von-Guericke-University Magdeburg, 39120 Magdeburg, Germany

Deadline for manuscript submissions

closed (30 November 2023)

Microorganisms

an Open Access Journal by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed

mdpi.com/si/138944

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

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

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).

MDPI