

Special Issue

Vector-Parasite Relationships

Message from the Guest Editors

Numerous parasites and pathogens, including those causing the deadliest human diseases, are transmitted by bloodsucking vectors. Human and livestock-infecting vector-borne microorganisms have received a great deal of attention in research; however, others remain neglected due to their low prevalence and/or pathogenicity, yet they could provide us with a breadth of information that would be of general interest. New vectors of known diseases continue to emerge, and known vectors expand their host and geographical ranges, resulting in the emergence of new foci and outbreaks. The aim of this Special Issue is to collect a range of information about vectors, both notorious and neglected, and the parasites that they transmit. Novel vector-parasite combinations, pathogens' influence on vectors, interactions among parasites sharing the same vectors, mechanisms of transmission, and other aspects of this symbiosis will deepen our understanding of parasites and their vectors.

Guest Editors

Dr. Milena Svobodová

Department of Parasitology, Faculty of Science, Charles University in Prague, Viničná 7, 128 44 Prague 2, Czech Republic

Dr. Rasa Bernotienė

Nature Research Centre, Akademijos 2, LT-08412 Vilnius, Lithuania

Deadline for manuscript submissions

closed (31 March 2022)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/82105

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).