

Special Issue

Parasitic Diseases in Humans and Animals

Message from the Guest Editor

In a changing world, humans and animals are under continuous threat, and this promotes the spread of disease. Among these diseases, parasitic infections are common, with parasites frequently blamed for being reservoirs for diseases affecting domestic animals and humans. The transmission can be vector-borne (Leishmania, Trypanosoma, Dirofilaria, Thelazia) or by contact or fomites (ectoparasites, hookworms), but it can also be through drinking contaminated water (Giardia, Cryptosporidium) or eating contaminated meat (Toxoplasma, Trichinella), vegetables, and fruits (Echinococcus, Baylisascaris). The aim of this Special Issue is to give an overall picture of parasitic diseases, including the pathology, treatment, diagnosis, epidemiology, and transmission in the context of a “one health” approach. With this purpose, we welcome research articles, reviews, and short communications related to the subject. We hope to gather cutting-edge information on this topic and hope that it will improve on the current body of research related to humans and animals.

Guest Editor

Dr. Loka Raghu Kumar Penke

Department of Internal Medicine, University of Michigan Medical School, Ann Arbor, MI, USA

Deadline for manuscript submissions

closed (30 September 2024)



Microorganisms

an Open Access Journal
by MDPI

Impact Factor 4.2
CiteScore 7.7
Indexed in PubMed



mdpi.com/si/183932

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).