

Special Issue

Echinococcosis: From Parasite–Host Interaction to Rapid Detection

Message from the Guest Editors

Echinococcosis is a zoonotic parasitic disease caused by the larvae of the *Echinococcus* genus; it is listed as one of the 17 neglected diseases by WHO. Different species/genotypes of *Echinococcus* show considerable variation in terms of their life cycle, infection site, infectivity, pathogenicity, and susceptibility to drugs. These differences are influenced by the immune regulation of different hosts during a long course of infection. The complexity in both *Echinococcus* and hosts creates great difficulty in the prevention and control of the disease. Thus, our understanding of multiple aspects on parasite–host interactions needs to be deepened. In addition, echinococcosis is often highly prevalent in under-developed regions; thus low-cost, simple, and rapid detection technologies or tools are urged for field work. In order to share the latest research findings and advances in these fields, this journal calls manuscripts for the Special Issue entitled “Echinococcosis: From Parasite–Host Interaction to Rapid Detection”.

Guest Editors

Dr. Ting Zhang

National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention (Chinese Center for Tropical Diseases Research), NHC Key Laboratory of Parasite and Vector Biology, WHO Collaborating Center for Tropical Diseases, National Center for International Research on Tropical Diseases, Shanghai 200025, China

Prof. Dr. Zheng Feng

National Institute of Parasitic Diseases, Chinese Center for Disease Control and Prevention (Chinese Center for Tropical Diseases Research), Shanghai, China

Deadline for manuscript submissions

closed (10 October 2023)



Tropical Medicine and Infectious Disease

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.0
Indexed in PubMed



mdpi.com/si/164260

*Tropical Medicine and
Infectious Disease*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
tropicalmed@mdpi.com

[mdpi.com/journal/
tropicalmed](https://mdpi.com/journal/tropicalmed)





Tropical Medicine and Infectious Disease

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.0
Indexed in PubMed



[mdpi.com/journal/
tropicalmed](https://mdpi.com/journal/tropicalmed)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. John Frean

Pathologist, Parasitology Reference Laboratory, Centre for Emerging Zoonotic and Parasitic Diseases, National Institute for Communicable Diseases, University of the Witwatersrand, Johannesburg 2192, South Africa

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Informit, and other databases.

Journal Rank:

JCR - Q1 (Tropical Medicine) / CiteScore - Q1 (Public Health, Environmental and Occupational Health)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 22.2 days after submission; acceptance to publication is undertaken in 3.8 days (median values for papers published in this journal in the second half of 2025).