Special Issue

Emerging Viral Threats: Surveillance, Impact, and Mitigation

Message from the Guest Editor

Infectious diseases underscore the urgent need for public health measures and research to protect global well-being and prevent outbreaks. Emerging viruses are particularly critical for enhancing surveillance, research, and response strategies due to their significant potential for morbidity and mortality. Their rise is driven by environmental factors like global travel, climate change. and urbanization, which facilitate rapid transmission and complicate containment, alongside their ability to mutate and adapt. Addressing these challenges requires innovative diagnostics and vaccines, improved surveillance systems, and strengthened international collaboration. By advancing our knowledge and fostering global cooperation, we can effectively mitigate the impact of emerging viral threats and protect public health.

Guest Editor

Dr. Mariana Sequetin Cunha

Instituto Adolfo Lutz, Av. Dr. Arnaldo, 355, Pacaembu, São Paulo 01246-000, SP, Brazil

Deadline for manuscript submissions

closed (30 June 2025)



Tropical Medicine and Infectious Disease

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 4.7 Indexed in PubMed



mdpi.com/si/216152

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





Tropical Medicine and Infectious Disease

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 4.7 Indexed in PubMed



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 - Q2 (Public Health, Environmental and Occupational Health)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 20.6 days after submission; acceptance to publication is undertaken in 3.1 days (median values for papers published in this journal in the first half of 2025).

