

## Special Issue

# Filarial Infections in Humans: Advances in Epidemiology and Immunological Insights

### Message from the Guest Editor

Filarial diseases continue to pose a significant global health burden, particularly in endemic regions of the tropics and subtropics. This Special Issue will showcase recent progress in understanding the epidemiological landscape of these infections.

A central theme of this SI will be the investigation of host–parasite interactions and the immunological mechanisms that underpin filarial infection, persistence, and pathogenesis. We encourage submissions that elucidate how filarial parasites evade or manipulate host immune responses, as well as studies that identify biomarkers of infection, immune correlates of protection, or immunopathological outcomes associated with chronic disease.

This SI will also highlight the critical role of murine filarial models in advancing our understanding of filarial biology and host immunity. We particularly welcome studies employing organoid technology to explore novel aspects of filarial biology or to complement in vivo approaches.

We invite original research articles, comprehensive reviews, and short communications from a wide range of disciplines that contribute to a more comprehensive and integrated understanding of filarial infections.

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### Guest Editor

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### Deadline for manuscript submissions

19 December 2025



## Tropical Medicine and Infectious Disease

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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