Special Issue

Mucormycosis Unmasked: Advances in Pathogenesis and Emerging Therapeutic Frontiers

Message from the Guest Editors

Mucormycosis is a fast-progressing, often fatal fungal infection increasingly affecting immunocompromised and critically ill patients. Despite its rising clinical importance, its pathogenesis is not fully understood, and current treatments remain limited and frequently ineffective. This Special Issue, "Mucormycosis Unmasked: Advances in Pathogenesis and Emerging Therapeutic Frontiers," aims to advance knowledge of this neglected disease. We invite original research, reviews, and short communications on mucormycosis pathobiology, host-pathogen interactions, diagnostics, and new therapies. Emphasis is on translational, interdisciplinary studies linking basic science, clinical research, and novel treatments such as antifungals. immunotherapies, and biomarkers. This collection will be a valuable resource for mycologists, infectious disease experts, immunologists, and drug developers focused on mucormycosis. Our goal is to highlight innovative research and foster collaboration to improve patient outcomes. We welcome your contributions and look forward to your participation.

Guest Editors

Dr. Eman Youssef

Division of Infectious Diseases, The Lundquist Institute, Harbor-UCLA Medical Center, 1124 W Carson St, Torrance, CA 90502, USA

Prof. Dr. Ashraf Ibrahim

- 1. The Lundquist Institute for Biomedical Innovation, 1124 W Carson St, Torrance. CA 90502, USA
- 2. David Geffen School of Medicine, UCLA, 10833 Le Conte Ave, Los Angeles, CA 90095, USA
- 3. Division of Infectious Diseases, Harbor-UCLA Medical Center, 1000 West Carson Street MRL Building, Box 466, Torrance, CA 90509, USA

Deadline for manuscript submissions

31 May 2026



Tropical Medicine and Infectious Disease

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 4.7 Indexed in PubMed



mdpi.com/si/247636

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).

