

Special Issue

Invasive Fungal Disease: Advances and Challenges in Diagnosis and Management from a Global Perspective

Message from the Guest Editors

Invasive fungal disease (IFD) is a major cause of morbidity and mortality, particularly in immunocompromised patients such as transplant recipients and those with hematologic malignancies, critical illness, or advanced HIV infection. *Candida* spp., *Aspergillus* spp., and Mucorales account for most cases. Although international guidelines have advanced diagnostic and treatment recommendations, their application in clinical practice remains particularly challenging in low- and middle-income countries (LMICs), especially across Latin America. These regions often face persistent limitations: underdeveloped surveillance systems, restricted access to non-culture-based diagnostics, inconsistent availability of essential antifungals, and limited intensive care capacity. Such barriers lead to delayed diagnoses, suboptimal treatments, increased mortality, and rising antifungal resistance. This Special Issue aims to compile original research, reviews, clinical guidelines, expert consensus statements, and implementation studies focused on opportunistic fungal infections.

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The *Journal of Fungi* (JoF, ISSN 2309-608X) is an international, peer-reviewed, scientific, open access journal that provides an advanced forum for studies related to pathogenic fungi, fungal biology, and all other aspects of fungal research. Research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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