

Special Issue

Medical Mycology: Antifungal Resistance, Diagnosis, and Infection Control

Message from the Guest Editors

In October 2022, the WHO published a priority list of fungi requiring special attention in terms of research and diagnosis. This critical priority group included *Candida albicans*, *Candida auris*, *Aspergillus fumigatus*, and *Cryptococcus neoformans*. The many current concerns include resistance to antifungals due to drug or environmental pressure, in addition to the emergence of new species (*C. auris*) or multi-resistant clones (*C. parapsilosis*). It is noteworthy that neglected fungal tropical diseases (mycetoma, chromoblastomycosis, paracoccidioidomycosis, and sporotrichosis) are also considered a serious threat to global health due to the difficulty in diagnosing, treating, and controlling new cases. This Special Issue seeks original research and review articles that contribute to the understanding of antifungal resistance and discuss cutting-edge strategies for the diagnosis of fungal infections. Furthermore, we propose to improve the understanding of measures that, in the translational scope, should be listed for the control and prevention of fungal infections. We invite researchers to submit both original research and review articles for this Special Issue.

Guest Editors

Prof. Dr. Reginaldo Gonçalves de Lima-Neto

Laboratory for Research and Diagnosis in Tropical Diseases, Federal University of Pernambuco (UFPE), Recife 50740-570, Pernambuco, Brazil

Prof. Dr. Patrice Le Pape

Parasitology and Medical Mycology, University of Nantes, Nantes, France

Deadline for manuscript submissions

closed (28 February 2026)



Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



mdpi.com/si/227607

Journal of Fungi
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jof@mdpi.com

mdpi.com/journal/

[jof](https://jof.mdpi.com)





Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



mdpi.com/journal/

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



About the Journal

Message from the Editor-in-Chief

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.

Editor-in-Chief

Prof. Dr. David S. Perlin

Hackensack Meridian Health Center for Discovery and Innovation, 340
Kingsland Street, Nutley, NJ 07110, USA

Author Benefits

Open Access

– free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, CAPIus / SciFinder, AGRIS, and other databases.

Journal Rank:

JCR - Q1 (Mycology) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)