

Special Issue

Latest Research on the Fungal Cell Wall

Message from the Guest Editor

Mycoses have recently attracted the attention of clinicians and basic researchers because of the greater burden they represent for any health system. The associated mortality and morbidity rates are progressively rising because some of these diseases are still neglected by healthcare workers, and because of the increase in resistance to antifungal drugs. The cell wall is a species-specific trait that provides protection to the fungal cell and is a molecular scaffold to display virulence factors and determinants. Its components are usually recognized by the host immunity, have been used to establish strategies for diagnosis, and are explored as new targets for the development of new antifungal drugs. This Special Issue is open to researchers and clinicians working in the medical mycology field, exploring the most recent aspects of the fungal cell wall. Original research and review papers on the cell wall structure, biogenesis, virulence factors, immune recognition, and new diagnostic and therapeutic approaches based on the cell wall are welcome.

Guest Editor

Prof. Dr. Hector M. Mora-Montes

Department of Biology, Division of Natural Sciences, University of Guanajuato, Guanajuato, Mexico

Deadline for manuscript submissions

closed (31 August 2025)



Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



mdpi.com/si/206245

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)