

Special Issue

Fungal Immunology and Vaccinology, 2nd Edition

Message from the Guest Editor

Immunosuppression is a major risk factor for invasive fungal infections, which claim the lives of nearly 4 million people annually. Yet, despite this high mortality, there are no approved human fungal vaccines. The spectrum of immunosuppressants in clinical use continues to broaden, bringing new and often unpredictable risks of mycoses. Fungal pathogens are increasingly endangering non-human animal populations and creating food insecurity by attacking plants. The host uses innate, adaptive, and trained immune pathways to protect itself against fungal invasion, while fungi have strategies to evade antifungal defenses. Improving our understanding of fungal immunology and developing vaccines and immunotherapeutic agents promise to reduce the direct and indirect global burden of fungal infections. This Special Issue aims to highlight advances in the immunology and vaccinology of fungal diseases through comprehensive reviews, original studies, and novel perspectives.

Guest Editor

Prof. Dr. Stuart M. Levitz

Department of Medicine, University of Massachusetts Chan Medical School, Worcester, MA, USA

Deadline for manuscript submissions

31 May 2026



Journal of Fungi

an Open Access Journal
by MDPI

Impact Factor 4.0
CiteScore 8.4
Indexed in PubMed



mdpi.com/si/221117

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://mdpi.com/journal/)





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)