

IMPACT FACTOR 4.2





an Open Access Journal by MDPI

# New Insights into the Current Understanding of Host-Fungal Interactions, 2nd Edition

Guest Editors:

## Prof. Dr. Jürgen Löffler

Department of Internal Medicine II, University Hospital of Würzburg, 97070 Würzburg, Germany

## Dr. Agostinho Carvalho

Life and Health Sciences Research Institute (ICVS), School of Medicine, University of Minho, Braga, Portugal

#### **Prof. Dr. Thomas Rogers**

Department of Clinical Microbiology, Trinity College Dublin, St James's Hospital Campus. Dublin. Ireland

Deadline for manuscript submissions:

30 November 2024

# **Message from the Guest Editors**

Invasive fungal infections present a major threat worldwide. Options for antifungal therapy remain limited and mainly rely on three classes of antifungals. In addition, we are faced with increasing antifungal drug resistance.

With this Issue of the JoF, we aim to publish a collection of articles showcasing new insights into host-fungal interactions. Both original articles and reviews will be considered. Examples of relevant topics include emerging fungal species; the influence of immune modulators, small molecules, and genetically engineered immune cells on the development of fungal infections; immunization against fungal pathogens; fungal-viral coinfections (such as influenza and SARS-CoV2); and the role of specific host biomarkers in fungal infections (such as SNPs, eQTLs, and miRNA). Preclinical models (in vitro or in vivo) describing fundamental aspects of the host-fungus interaction, looking at both sides of the interaction, are of particular interest.

We are pleased to invite you to submit your manuscripts on these aspects of host–fungal interactions, which we believe will reveal greater innovative insights into these emerging topics.







IMPACT FACTOR 4.2





an Open Access Journal by MDPI

# **Editor-in-Chief**

Nutley, NJ 07110, USA

# **Prof. Dr. David S. Perlin**Hackensack Meridian Health Center for Discovery and Innovation, 111 Ideation Way,

# **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.

#### **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, CAPlus / SciFinder, AGRIS, and other databases.

**Journal Rank:** JCR - Q1 (Mycology) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

#### **Contact Us**