

Special Issue

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

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.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2025)



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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.

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