

## Special Issue

# Human Fungal Pathogens: Emerging Threats, Diagnostic and Therapeutic Innovations and Global Impacts

### Message from the Guest Editors

Given recent developments in this field, the purpose of this Topic Board is to highlight aspects related to the novel concepts in diagnostic, molecular, epidemiology, treatment, and pathogenesis using different approaches in fungal pathogens. Then, the nature and scope of emerging and re-emerging microbial threats and consider methods for their control, as well as the dynamic interactions between rapidly evolving infectious agents and changes in the environment and host behavior that provide such agents with new favorable ecological niches will be evaluated in this special issue. This topic may be published in the form of comprehensive reviews, original studies, and novel perspectives that address aspects of basic, translational, and applied research to develop countermeasures advance, such as surveillance tools, diagnostic tests, vaccines, and therapeutics, as well as omics tools and advances in nanotechnology in diagnostic, therapeutic and microbial research, and rational drug and vaccine projects that can support research in all the above areas.

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### Guest Editors

Prof. Dr. Maria José Soares Mendes Giannini

Dr. Ana Marisa Fusco Almeida

Prof. Dr. Angel Gonzalez Marin

Dr. Marcia S.C. Melhem

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### Deadline for manuscript submissions

closed (31 August 2025)



## Journal of Fungi

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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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### Editor-in-Chief

Prof. Dr. David S. Perlin

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