

# Special Issue

## New Perspectives for Candidiasis 2.0

### Message from the Guest Editor

Candidiasis is a common fungal infection that results from an imbalance between the host immune system and virulence mechanisms of *Candida* species. Several virulence factors of *Candida albicans* and non-albicans *Candida* species have been unveiled and widely studied, such as adhesin expression, morphological switching from yeast to filamentous forms, enzyme secretion, and biofilm formation. Despite great advances in medical research, the morbidity and mortality rates associated with *Candida* infections are still high. Currently, the biggest challenge in treating candidiasis is the emergence of antifungal drug resistance. The isolation of *Candida auris* strains resistant to all antifungal classes is shifting *Candida* infections from multidrug to pandrug resistance status. In this Special Issue, we expect to gather several studies with a focus on the pathogenicity of *Candida* spp. and resistance mechanisms, as well as new horizons for candidiasis treatment involving recently synthesized antifungal compounds; drug repurposing; combination therapies; biomaterials for drug delivery, antibodies, and vaccination; photodynamic therapy; probiotics; and natural antifungal products.

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### Guest Editor

Dr. Juliana Campos Junqueira

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### Deadline for manuscript submissions

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# 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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