

Special Issue

Drug Resistance and Tolerance in Pathogenic Fungi

Message from the Guest Editors

Fungal infections affect millions of people every year and are responsible for a wide array of clinical presentations. The antifungal arsenal to treat those infections is limited to five classes of drugs, of which azole derivatives, polyenes and echinocandins are the most widely used in clinical practice. In addition to the limited number of drugs, pathogenic fungi may develop strategies to survive antifungal treatment. As a result, treatment failure due to antifungal tolerance/resistance among fungal pathogens has become a public health concern worldwide, especially with the emergence of azole-resistant *Aspergillus fumigatus* and *Candida* spp. and the multidrug-resistant *Candida auris*. Thus, this Special Issue aims to bring together the current knowledge and new findings on antifungal tolerance and resistance in pathogenic fungi to humans and animals. Original research articles and reviews encompassing the different aspects of antifungal tolerance/resistance, including resistance drivers and control, resistance mechanisms, biofilm-associated resistance, and strategies to overcome planktonic and biofilm resistance, are welcome.

We look forward to receiving your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (1 August 2023)



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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.

Editor-in-Chief

Prof. Dr. David S. Perlin

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