



Fungal Infections and Antifungal Strategies

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Deadline for manuscript
submissions:

closed (15 June 2024)

Message from the Guest Editor

The focus of this Special Issue is fungal infections and the potential antifungal strategies that can be used to combat them. Commensal fungal species can transform into invasive pathogens if the host's immune system is weakened. The inhalation of large quantities of some fungi, particularly pathogenic species, can cause disease in even healthy hosts.

This Special Issue aims to showcase current research investigating novel antifungal compounds; *in vitro* and *in vivo* studies elucidating their properties are both welcome. Potential topics include, but are not limited to, the following:

- Novel antifungal compounds;
- The mechanisms of action of antifungal compounds;
- The use of nanoparticles to deliver fungicidal compounds;
- Natural compounds and conventional therapy combination approaches;
- Pharmacological evidence for antifungal activity (*in vitro*, *in vivo*, and *in silico*);

Multiple methodological approaches may be employed to determine the antifungal properties and activity of these novel compounds, as well as to investigate drug resistance phenomena.





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Message from the Editor-in-Chief

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