



Antifungal Natural Substances and Actives

Guest Editors:

Dr. Maura Di Vito

Dipartimento di Scienze
Biotecnologiche di Base, Cliniche
Intensivologiche e
Perioperatorie, Università
Cattolica del Sacro Cuore, 00168
Rome, Italy

Dr. Francesca Bugli

Dipartimento di Scienze
Biotecnologiche di Base, Cliniche
Intensivologiche e
Perioperatorie, Università
Cattolica del Sacro Cuore, Largo
A. Gemelli 8, 00168 Rome, Italy

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Message from the Guest Editors

In recent years, the extensive abuse of chemicals to control diseases has been associated with the increasing number of multidrug-resistant pathogens. The problem of fungal infections in humans, veterinary, and environmental settings is constantly growing. Pathogenic fungi, such as human cells, are eukaryotic, and potential selective drugs can only attack limited targets. The only licensed antifungal therapies, polyenes, azoles, echinocandins, and flucytosine, suffer several limitations due to cross-target toxicity. Thus, the need for more effective and less toxic antifungal agents is mandatory. These natural substances are complex mixtures of volatile active components obtained from aromatic plants through distillation or pressing processes. This Special Issue welcomes the submission of scientific articles on the topic of "Antifungal Natural Substances and Actives". Original articles, brief reports, case reports, reviews, and mini reviews that analyse the antifungal efficacy of essential oils and their components, both against filamentous fungi and yeasts, according to a "one health approach", will be accepted.





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Editor-in-Chief

Prof. Dr. David S. Perlin
Hackensack Meridian Health
Center for Discovery and
Innovation, 111 Ideation Way,
Nutley, NJ 07110, USA

Message from the Editor-in-Chief

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Journal of Fungi Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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