

## Special Issue

# Current and Future Research Trends on Medicinal Mushrooms, 2nd Edition

### Message from the Guest Editor

Medicinal mushrooms are credited with countless beneficial properties and exhibit a broad spectrum of pharmacological activities, including antibacterial, antifungal, antiviral, cytotoxic, immunomodulating, anti-inflammatory, antioxidative, antiallergic, antidepressive, antihyperlipidemic, antidiabetic, digestive, hepatoprotective, neuroprotective, nephroprotective, osteoprotective, and hypotensive. Despite the presence of many publications on medicinal mushrooms in the archives of the biomedical and life sciences literature, research in this area is still insufficient, especially with regard to evidence-based medicine.

The Special Issue on medicinal mushrooms is intended to assemble contributions from experts around the world on the biodiversity of medicinal mushrooms; new trends in the cultivation, industrial production and fermentation of medicinal mushrooms; biochemistry and pharmacology of medicinal mushroom active compounds; the use of medicinal mushrooms in veterinary science and agriculture and in clinical practice; and the production of new mushroom-based products.

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### Guest Editor

Prof. Giuseppe Venturella

Department of Agricultural, Food and Forest Sciences, University of Palermo, Viale delle Scienze, Palermo, Italy

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### Deadline for manuscript submissions

closed (31 March 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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