



Research Progress on Added-Value Fungi

Guest Editor:

Dr. Claudia Riccioni

National Research Council,
Institute of Biosciences and
Bioresources, Via della Madonna
Alta, 130-06128 Perugia, Italy

Deadline for manuscript
submissions:

closed (25 July 2021)

Message from the Guest Editor

Fungi and fungal products (metabolites and enzyme proteins) can contribute to solving a wide spectrum of the current global societal challenges. Edible fungi, for example, beyond their role as a delicacy in the diet of many people for thousands of years, are used to combat diseases, due to their antifungal, antibacterial, antioxidant, and antiviral properties. Edible and non edible fungi are also of relevance in food industry, nutraceuticals, pests biocontrol in agriculture, plant growth promotion and biotechnological purposes. Overall, research efforts are required to increase the knowledge on basic and applied aspects of fungi with an added value and foster their cultivation for nutritional, ecological and medical purposes. Submissions on the following topics are invited to this Special Issue:

- Basic research: the genetics, genomics, phylogenetics, systematics, biology, life cycle, and ecology of fungi
- Cultivation progresses and potential cultivation of new species
- Molecular control of the productions for species traceability and quality assurance
- Medicinal, nutraceutical, plant defense and biotechnological properties





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Leslie A. Weston

Gulbali Centre for Agriculture,
Water and Environment
Research, Charles Sturt
University, Wagga Wagga, NSW
2678, Australia

Message from the Editor-in-Chief

Agronomy draws together researchers from diverse areas of agricultural research with a common aim of enhancing agricultural productivity globally. The journal provides unlimited free access to all those interested in advancing agricultural science from both the research and general community. Papers are released immediately after acceptance through the internet. *Agronomy* is supported by our authors and their institutes through low article processing charges (APC) for accepted papers. We hope you will support the journal by becoming one of our authors.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Agronomy) / CiteScore - Q1 (Agronomy and Crop Science)

Contact Us

Agronomy Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/agronomy
agronomy@mdpi.com
[X@Agronomy_Mdpi](https://twitter.com/Agronomy_Mdpi)