

Special Issue

Research Progress on Added-Value Fungi

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

Guest Editor

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Deadline for manuscript submissions

closed (25 July 2021)



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