



Biotechnology of Edible Fungi

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Message from the Guest Editors

Dear Colleagues,

Edible fungi, commonly known as mushrooms, have huge yields, demands, and economic value. Many biological groups exist, but there are few domesticated varieties. Most edible fungi belong to basidiomycetes, which can form fruiting bodies. Unlike common filamentous fungi, edible fungi are heterokaryotic, and their genetic background is complex. Therefore, the genetic manipulation platform for edible fungi was established late, and basic research is lacking.

This Special Issue on “Biotechnology of Edible Fungi” will concentrate on edible fungal ecology and evolution, genetic diversity, omics research, physiology, signal transduction regulation, active ingredient regulation, fermentation process, etc. Studies on all of the abovementioned aspects will be welcome.

Keywords:

- edible fungi
- genetic
- physiology
- metabolism
- ecology
- omics





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Message from the Editor-in-Chief

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