

Special Issue

Morel Crops: Cultivation, Breeding and Their Processing Innovation

Message from the Guest Editors

Commonly known as morels, species of *Morchella* are important gourmet mushrooms in Ascomycota. *Morchella rufobrunnea* (the so-called red-blushing morel) and species of black morels in the Elata clade of *Morchella* were once only wild-foraged, but have been domesticated as horticultural crops, feasible to cultivate artificially in recent decades. The scale of commercialized morel cultivation is expanding very rapidly. For instance, the area of black morel cultivation in China has expanded about two thousand times since 2012. While the innovative morel industry is thriving all over the world, several problems are always hampering its sustainable development: the lack of cultivars with improved performances; technologies for stable and high yield are still underdeveloped; the lack of elucidation of the chemical constitution with healthy effects; and limited diversified and value-added morel products. To aim of this Special Issue is to gradually promote some progresses of solving these problems.

Guest Editors

Prof. Yongchang Zhao

Dr. Hao Tan

Dr. Xi-Hui Du

Deadline for manuscript submissions

closed (30 September 2024)



Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



mdpi.com/si/184007

Horticulturae
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
horticulturae@mdpi.com

[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)





Horticulturae

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 5.1



[mdpi.com/journal/
horticulturae](https://mdpi.com/journal/horticulturae)



About the Journal

Message from the Editor-in-Chief

Horticultural plants and their products provide sustenance, health, and beauty. A confluence of factors is putting increasing pressure on horticultural production to evolve, and innovative research is addressing these challenges. *Horticulturae* provides a venue to communicate research results in a rapid manner with open access, allowing everyone the opportunity to stay abreast of leading research addressing horticulture. I invite you to consider publishing the results of your research in this high quality, peer-reviewed journal.

Editor-in-Chief

Prof. Dr. Luigi De Bellis
Department of Biological and Environmental Sciences and
Technologies (DiSTeBA), Salento University, Lecce, Italy

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, FSTA, and other databases.

Journal Rank:

JCR - Q1 (Horticulture) / CiteScore - Q1 (Horticulture)