



an Open Access Journal by MDPI

# Neglected and Underutilized Plant Species in Horticultural and Ornamental Systems: Perspective for Biodiversity, Nutraceuticals and Agricultural Sustainability

Collection Editors:

#### Dr. Rosario Paolo Mauro

Department of Agriculture, Food and Environment, University of Catania, Via Valdisavoia, 95123 Catania, Italy

#### Dr. Carlo Nicoletto

Department of Agronomy, Food, Natural Resources, Animals and Environment (DAFNAE), University of Padova, 35020 Legnaro, Italy

### Dr. Leo Sabatino

Department of Agricultural, Food and Forestry Sciences (SAAF), University of Palermo, Viale delle Scienze, Ed. 5, 90128 Palermo, Italy



mdpi.com/si/110504

### Message from the Collection Editors

Over the last few decades, the scientific community has dedicated more attention to this topic than in the past, as NUS represent a possible option to face the agricultural challenges of producing more foods and services within a framework of greater sustainability. NUS could promote agro-biodiversity, improve the resilience of the agroecosystems toward the environmental stressors, foster the utilization of nutraceuticals and the diversification of dietary patterns, address micronutrient deficiencies in targeted communities or population subgroups, and provide important local services (environmental, economic or socio-cultural) as ornamentals or in landscape management. This Collection aims to contribute to filling knowledge gaps about NUS in horticultural and ornamental systems, by encouraging the submission dealing with their relevance to the following:

- Biodiversity and conservation;
- Evolution, genetics and breeding;
- Characterization, propagation, and ecophysiology;
- Cultivation techniques and systems;
- Response to pathogens and pests;
- Landscape management, protection and restoration;
- Postharvest factors affecting the end-use quality.







an Open Access Journal by MDPI

## **Editor-in-Chief**

#### Prof. Dr. Luigi De Bellis

Department of Biological and Environmental Sciences and Technologies, Università del Salento, Centro Ecotekne, Via Provinciale Lecce Monteroni, 73100 Lecce, Italy

### 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.

# **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 - Q2 (Horticulture)

### **Contact Us**

*Horticulturae* Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/horticulturae horticulturae@mdpi.com X@Horticul\_MDPI