



## Sustainable Control Strategies of Plant Pathogens in Horticulture

Guest Editors:

**Dr. Hillary Righini**

Department of Agricultural and Food Sciences, University of Bologna, Viale G. Fanin 40, 40127 Bologna, Italy

**Dr. Roberta Roberti**

Department of Agricultural and Food Sciences, University of Bologna, Viale G. Fanin 40, 40127 Bologna, Italy

**Dr. Stefania Galletti**

CREA—Council for Agricultural Research and Economics, Research Centre for Agriculture and Environment, Via di Corticella 133, 40128 Bologna, Italy

Deadline for manuscript submissions:

**closed (30 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

Horticulture production requires high inputs of pesticides to control destructive pathogens. However, the recent rules on plant protection are promoting alternative means to synthetic pesticides as a result of environmental pollution, residues in agricultural products and pathogen resistance to pesticides. Currently, the control of plant pathogens in horticulture is facing new challenges for adapting the new pathogen control strategies to meet consumer demand.

The purpose of this Special Issue, “Sustainable Control Strategies of Plant Pathogens in Horticulture”, is to present the recent findings and future perspectives on the use of natural substances (i.e., plant extracts or molecules), microorganisms, plant-induced gene silencing that targets specific pathogens, organic cultivation systems and integrated pest management and any other means that can reduce the input of synthetic pesticides in the environment.

Dr. Hillary Righini  
Dr. Roberta Roberti  
Dr. Stefania Galletti  
*Guest Editors*





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, Grosspeteranlage 5  
4052 Basel, Switzerland

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

mdpi.com/journal/horticulturae  
horticulturae@mdpi.com  
X@Horticul\_MDPI