# **Special Issue**

# Advances in Postharvest Packaging and Preservation Techniques

### Message from the Guest Editors

The loss of fruits, vegetables, seeds and grains in the postharvest stage is a global concern, reaching up to 40% losses in perishable species. These percentages increase in tropical regions where humidity and temperature are high, promoting the growth of microorganisms and insects, resulting in significant economic losses. Edible coatings, active packaging (antioxidants and antimicrobials), irradiation, gaseous ozone and good management practices are among the postharvest techniques used; however, these are under constant research due to their importance in helping reduce waste and improve the quality of crops. The purpose of this Special Issue aims to present updated information on emerging technologies for packaging and postharvest conservation techniques. Articles with innovative techniques to improve the shelf-life and/or maintain the quality of fruits, vegetables, seeds and grains are welcome in this Special Issue.

Dr. Tomás Jesús Madera-Santana

#### **Guest Editors**

Dr. Jesús Rubén Rodríguez-Núñez

Programa de Ingeniería en Biotecnología, Universidad de Guanajuato, Mutualismo #303, Colonia la Suiza, Celaya 38060, Guanajuato, Mexico

Dr. Tomás J. Madera-Santana

Laboratorio de Envases, CTAOV, Centro de Investigación en Alimentación y Desarrollo, A. C. (CIAD, A.C.), Hermosillo 83304, Mexico

### Deadline for manuscript submissions

20 August 2025



## Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



mdpi.com/si/190828

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

mdpi.com/journal/ horticulturae





## Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



### **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)

