Special Issue

Biotechnological Approaches and Technology Processes Used in the Agro-Industry to Create Value-Added Products

Message from the Guest Editor

The maximization of agricultural production as a primary or value-added product is necessary for the years of change we face. However, more than 30% of primary production is diverted into alternative uses (value-added products). To maximize the utilization of agricultural products in their primary (fresh) phase, experts in primary farm production are invited to conduct and publish research related to value-added alternatives, ranging from the use of wax to packaging, pre-cut and dehydrated foods, beverages, nutrition bars, etc.; this research can occur in collaboration with food technologists, who understand recent lifestyle changes, with demand for healthy, easy to handle, and sensorily appealing food increasing. The industrialization of food guarantees the presence of out-of-season products by converting fresh raw material into a more stable, available, and commercial product; it also contributes to food security and environmental protection. Your research could significantly impact the agro-industry. Thus, we invite you to publish research on the application of biotechnological or technological processes to strengthen these sectors.

Guest Editor

Prof. Dr. Maria Dolores Muy-Rangel

Centro de Investigación en Alimentación y Desarrollo (CIAD) A.C., Subsede Culiacán, Carretera Culiacán a El Dorado Km 5.5, Culiacán C.P. 80110, Sinaloa, Mexico

Deadline for manuscript submissions

15 November 2025



Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0 CiteScore 5.1



mdpi.com/si/216709

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)

