

Special Issue

Postharvest Treatments to Enhance Chilling Tolerance in Fruits and Vegetables

Message from the Guest Editors

Chilling injury, which has been affecting the global food supply chain since the advent of cold storage, remains a major postharvest challenge for fruits and vegetables.

Recent studies have spotlighted the use of both natural and synthetic compounds, such as salicylic acid and calcium treatments, along with advanced physical techniques like controlled atmosphere storage and intermittent warming. Furthermore, molecular biology and genetic engineering are becoming crucial areas of investigation, focusing on genes linked to chilling tolerance.

We invite original research articles, reviews, and case studies that advance understanding and foster enhancement of chilling tolerance in postharvest fruits and vegetables. Areas of interest include novel chemical and physical treatments, biological methods, physiological and molecular responses to chilling stress, improvements in storage technologies, and successful commercial applications.

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Deadline for manuscript submissions

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Editor-in-Chief

Prof. Dr. Leslie A. Weston

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