

Special Issue

Antioxidant Phytochemicals in Horticultural Plants

Message from the Guest Editors

Horticultural crops (fruit, vegetables, medicinal, aromatic, and ornamental plants) are recognized for their nutritional and medicinal properties with high value to human health. The biological properties are related to the presence of several bioactive compounds, including polyphenols, carotenoids, and vitamins. The current high global demand for natural antioxidants for pharmaceuticals, cosmetics, food, and animal feed promotes the natural antioxidants market. Additionally, the consumer request for healthy food makes natural dyes with antioxidant properties a topical demand for food products. Studying unexplored and unconventional fruits and food plants allows the discovery of natural antioxidants and natural dyes that could be used as mild antioxidants in industry and contribute to food production worldwide. Papers on assessing antioxidant potential, including studies on the chemical characterization and ability to purify and isolate natural antioxidants from fruits and plants, as well as reviews on overall innovative management approaches to natural antioxidants, are welcomed.

Guest Editors

Prof. Dr. Tatiane Luiza Cadorin Oldoni

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Dr. Marina Leite Mitterer-Daltoé

Deadline for manuscript submissions

closed (29 February 2024)



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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

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