

# Special Issue

## Recent Advances of Bioactive Compounds in Fruit

### Message from the Guest Editors

Plants represent a primary source of bioactive compounds, and fruits are abundant in those compounds useful for human health. Bioactive compounds are either primary or secondary metabolites, they are synthesised from the activation of different biosynthetic pathways and in fruit they fulfil different ecological roles, including attractive, discouraging and protective functions. Through the years, different plant management strategies have been tested to improve not only fruit quality attributes (e.g., size, colour, solid soluble content, dry matter), but also bioactive compound concentrations. As of today, consumers are increasingly interested in novel and bioactive-rich fruits. Submissions on the following topics are highly encouraged: i) the ecological role of bioactive compounds in fruit; ii) novel fruits with high nutraceutical properties; iii) new eco-sustainable plant management techniques to improve the fruit bioactive content; iv) the influence of innovative post-harvest treatments on fruit quality and bioactive compound content.

### Guest Editors

Dr. Ermes Lo Piccolo

Dr. Débora Leitzke Betemps

Prof. Dr. Rossano Massai

Dr. Simona Nardoza

### Deadline for manuscript submissions

closed (25 May 2022)



# Horticulturae

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### 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.

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### Editor-in-Chief

Prof. Dr. Luigi De Bellis  
Department of Biological and Environmental Sciences and  
Technologies (DiSTeBA), Salento University, Lecce, Italy

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