Special Issue

Nutritive Value, Polyphenolic Content, and Bioactive Constitution of Green, Red and Flowering Plants

Message from the Guest Editors

Plants synthesize uncountable “ecochemichals” via secondary metabolism, which command medical and socio-economic significance. Among these secondary metabolites, phenolic compounds are of prime interest and are largely present in medicinal plants, herbs, vegetables, and flowers. These metabolites are at the helm of the bitterness, color, and scent of plants, and are correlated to the beneficial health qualities expressed by the antioxidant capacity. The accretion of these health-promoting phytochemicals depends chiefly on the genetic material and the maturity harvest stage, but notwithstanding the main role that is played by the pre-harvest factors, i.e., eustress, fertilization, irrigation, light, and other agronomic practices. This Special issue of *Horticulturae* will gather scientific research that explores innovations or recent studies in boosting plant nutritional qualities including vegetables, herbs, and flowers.

Guest Editors

Dr. Christophe El-Nakhel

Department of Agricultural Sciences, University of Naples Federico II, 80055 Portici, Italy

Dr. Leo Sabatino

Department of Agricultural, Food and Forestry Sciences (SAAF), University of Palermo, Viale delle Scienze, Ed. 5, 90128 Palermo, Italy

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

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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

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

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