



Bioactivity, Phytochemical and Nutritional Composition of Natural Products

Guest Editors:

Prof. Dr. Jelena Popović-Djordjević

Faculty of Agriculture,
Department for Chemistry and
Biochemistry, University of
Belgrade, Nemanjina 6, 11080
Belgrade, Serbia

Prof. Dr. Luiz Fernando Cappa de Oliveira

Núcleo de Espectroscopia e
Estrutura Molecular,
Departamento de Química,
Universidade Federal de Juiz de
Fora, Campus Universitario s/n,
Martelos, Juiz de Fora 36033-620,
MG, Brazil

Deadline for manuscript
submissions:

closed (20 May 2022)

Message from the Guest Editors

Dear Colleagues,

In last few decades, consumers' attention has been more focused on the quality and safety of food. In this respect, demand for vegetables, fruits, and mushrooms grown in accordance with ecological principles, wild-growing plants and other natural products has increased. Nutritional value, sensor quality and food safety are the main aspects that should be discussed in relation to obtaining the maximum benefits from nature.

Various approaches have been developed for the extraction, identification and quantification of bioactive compounds from different sources, such as agricultural and horticultural crops or medicinal plants. Nuclear magnetic resonance of several different nucleus, chromatography, capillary electrophoresis, mass spectroscopy, vibrational (infrared and Raman) spectroscopy techniques, as well any other single or hyphenated techniques, are widely used for natural products analysis. These techniques are valuable tools for their elucidation of chemical structure, including both nutritional and bioactive compounds, and overall quality.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Luigi De Bellis

Department of Biological and
Environmental Sciences and
Technologies, Università del
Salento, Centro Ecotekne, Via
Provinciale Lecce Monteroni,
73100 Lecce, Italy

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.

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 - Q2 (*Horticulture*)

Contact Us

Horticulturae Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/horticulturae
horticulturae@mdpi.com
X@Horticult_MDPi