Special Issue

Bioactive Compound Levels of Medicinal Plants

Message from the Guest Editor

Plants synthesize various bioactive compounds, including phenolic, flavonoids, caffeine, and carotenoids, many of which are important drug ingredients. Additionally, plant-based foods are significant sources of vitamins, minerals, and bioactive compounds on which human metabolism is also dependent. Thus, research on plant-based bioactive compounds has grown due to their association with a number of biological activities. Moreover, these compounds play different functions in plants themselves, including in pollination systems, UV light protection, protection against pathogens and diseases, and plant adaptation to different growth conditions. Recognizing the growing interest in this area, the present Special Issue aims to serve as a comprehensive collection of recent research achievements in the bioactive compounds of important medicinal plants and their applications. The scope of this project also includes research works using in vitro and in vivo experiments to identify health benefits and potential applications, as well as alternatives in the prevention or treatment of disease.

Guest Editor

Dr. Bimal Kumar Ghimire
Department of Crop Science, College of Sanghuh Life Science, Konkuk University, Seoul 05029, Korea

Deadline for manuscript submissions

closed (31 March 2022)

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/si/88698

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

mdpi.com/journal/horticulturae

Horticulturae

an Open Access Journal by MDPI

Impact Factor 3.0
CiteScore 5.1

mdpi.com/journal/horticulturae

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

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 - Q1 (Horticulture)

MDPI