

Special Issue

Bio-Active Compounds in Horticultural Plants—2nd Edition

Message from the Guest Editor

Horticultural plants contain a significant number of micronutrients, vitamins, and natural bioactive compounds (NBCs), which possess a variety of biological activities. The isolation, analysis, and characterization of these compounds within these extracts makes it is possible to understand why they exhibit these diverse characteristic activities, as well as the chemical metabolism of compounds that occurs in horticultural plants. There is also a significant research challenge: to improve the extraction of NBCs from different horticultural plants in a sustainable way, according to circular economy principles, setting up new methods and processes. The need to identify the best “extraction” conditions and technologies, in order to improve the release of NBCs from the plant matrix in which they are encased, is also becoming an increasingly important goal too. This Special Issue will highlight the research of new potential NBCs with important biological activities from different horticultural plants, as well as the biochemical characterization of plant extracts with important biological properties, focusing attention to the used extraction methodology.

Guest Editor

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Message from the Editor-in-Chief

Plants is an open access journal which provides an advanced forum for research findings in areas related to plant function, its physiology, biology, taxonomy, stresses, and its interactions with other organisms. It publishes original research articles, reviews, reports, conference proceedings (peer reviewed full articles) and communications. In original research papers, it is important that full experimental details are provided. We also encourage timely reviews and commentaries on topics of interest to the plant research community.

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