

Special Issue

Phytochemical Composition and Its Antioxidant Activities

Message from the Guest Editor

From the beginning of mankind, people have used plants mainly as a source of food but also as a source of different remedies to improve their physical and health status, although typically without knowing the exact composition of the bioactive compounds in plants. In modern times, scientists have developed increasingly powerful analytical tools and techniques which could give us means to analyse phytochemicals, which are natural plant-derived compounds, and determine their chemical structure, physicochemical properties, and bioactive features. One of the most interesting and controversial features of phytochemicals is their antioxidative activity. Some phytochemicals have been found to have a beneficial effect against oxidative processes which can occur in any biological system or during food-processing, influencing organoleptic and nutrition attributes in foodstuffs and contributing to the shorter shelf-life of various consumer products.

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, and 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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