

Special Issue

Phenolic Compounds: Profile and Biological Activity of Flowers and Fruits

Message from the Guest Editor

Edible flowers and fruits have been used throughout the centuries in traditional cuisine and phytotherapy. In recent years, interest in this plant resource has increased beyond its aesthetic value. The main groups of dietary phytochemicals present in edible flowers and fruits include flavonoids, phenolic acids and anthocyanins. All of them have remarkable antioxidant properties that contribute to human health. Recent studies suggest that flower and fruit species contain unique secondary metabolites with antioxidant, anti-inflammatory, anti-cancer, anti-diabetic, and cardio-protective properties. Harnessing these compounds could lead to innovative pharmaceuticals and functional foods. Despite their potential and high global biodiversity, a substantial number of floral varieties remain unexplored and underutilized. This Special Issue will cover a wide variety of areas aiming to contribute to the overall knowledge on the chemical composition and biological properties of edible flowers and fruits. We would like to invite all related scholars to contribute to this Special Issue.

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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