



plants



an Open Access Journal by MDPI

Phenolic Compounds: Profile and Biological Activity of Flowers and Fruits

Guest Editor:

Prof. Dr. Carlota Gómez-Rincón

1. Departamento de Farmacia,
Facultad de Ciencias de la Salud,
Universidad San Jorge, 50830
Villanueva de Gállego, Spain
2. Instituto Agroalimentario de
Aragón, IA2, Universidad de
Zaragoza-CITA, 50009 Zaragoza,
Spain

Deadline for manuscript
submissions:

closed (28 February 2025)

Message from the Guest Editor

Dear Colleagues,

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.



mdpi.com/si/184060

Special Issue



plants



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Dilantha Fernando

Department of Plant Science,
University of Manitoba, Winnipeg,
MB R3T 2N2, Canada

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [PubAg](#), [AGRIS](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (Plant Sciences) / CiteScore - Q1 (Ecology, Evolution, Behavior and Systematics)

Contact Us

Plants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/plants
plants@mdpi.com
[X@Plants_MDPI](https://twitter.com/Plants_MDPI)