

Special Issue

Bioactive Compounds from Plants-Based Functional Foods

Message from the Guest Editors

Functional foods are a group of foods with exceptional nutritional characteristics that have beneficial health effects beyond those provided by basic nutrition. The concept of functional food was born in Japan with the FOSHU (Food for Special Health Use) food regulation, which aims to combat the causes of some diseases that can be attributed to the consumption of some foods. In the case of Japan, there are robust regulations that demonstrate the health properties (effectiveness) and safety of foods. In other countries, this denomination is not entirely clear, giving rise to multiple interpretations. The articles for this Special Issue should focus on original research: new sources of bioactive substances present in raw materials of plant origin, the effects of processing and shelf life, sensory aspects and commercial validation, and demonstrations of effectiveness in biological models, among others.

Guest Editors

Dr. Roberto Lemus-Mondaca

Department of Food Science and Chemical Technology, Faculty of Chemical Sciences and Pharmaceutical, Universidad de Chile, St. Dr. Carlos Lorca 964, Independencia, Santiago 8330015, Chile

Dr. Luis Puente

1. Departamento de Ciencia de los Alimentos y Tecnología Química, Facultad de Ciencias Químicas y Farmacéuticas, Universidad de Chile, St. Dr. Carlos Lorca Tobar 964, Independencia, Santiago 8380000, RM, Chile 2. Department of Agricultural, Food & Nutritional Science, University of Alberta, Edmonton, AB T6G 2P5, Canada

Deadline for manuscript submissions

closed (31 January 2023)



Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



mdpi.com/si/130836

Plants

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

[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)





Plants

an Open Access Journal
by MDPI

Impact Factor 4.1
CiteScore 7.6
Indexed in PubMed



[mdpi.com/journal/
plants](https://mdpi.com/journal/plants)



About the Journal

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.

Editor-in-Chief

Prof. Dr. Dilantha Fernando
Department of Plant Science, University of Manitoba, Winnipeg, MB
R3T 2N2, Canada

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)