

## Special Issue

# Bioactive Compounds in Plant-Based Food and Food Supplements

### Message from the Guest Editors

Plant-based foods are an important part of the human diet and a valuable source of natural biologically active compounds. At present, traditional plant-based foods are gaining attention from consumers and scientists due to the latest trends linked to the re-use of natural resources from the surrounding environment. The knowledge about their chemical composition, including the presence and quantity of bioactives that is linked to their biological activity, allow for the design of new food products with improved functional properties. Due to the numerous possible interactions of individual bioactives between themselves, and between the bioactives and the constituents of complex food matrices, the evaluation of their process-moderated functions is crucial for the influence on health and disease. In the Special Issue, we welcome original articles and narrative or systematic reviews on the impact of food matrix, food processing, and human digestion on the structure and function of the bioactive compounds composing plant-based foods products including botanicals, raw foods, processed foods, functional foods, food supplements, food-based powders, plant by-products, and medicinal plants.

### Guest Editors

Dr. Dolores Del Castillo

Food Bioscience Group, Department of Bioactivity and Food Analysis, Institute of Food Science Research (CIAL), Spanish National Research Council (CSIC) and the Autonomia University of Madrid (UAM), Nicolás Cabrera 9, 28049 Madrid, Spain

Dr. Anna Michalska-Ciechanowska

The Faculty of Biotechnology and Food Science, Wrocław University of Environmental and Life Sciences, Chelmonskiego 37/41, 51-630 Wrocław, Poland

### Deadline for manuscript submissions

closed (5 June 2023)



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/112018](https://mdpi.com/si/112018)

*Foods*

Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[foods@mdpi.com](mailto:foods@mdpi.com)

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





# Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



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



## About the Journal

### Message from the Editor-in-Chief

*Foods* (ISSN 2304-8158) is an open access and peer reviewed scientific journal that publishes original articles, critical reviews, case reports, and short communications on food science. Articles are released monthly online, with unlimited free access. Currently, *Foods* has been indexed by the Science Citation Index Expanded (SCIE - Web of Science), PubMed, and Scopus. Our aim is to encourage scientists, researchers, and other food professionals to publish their experimental and theoretical results as much detail as possible. We therefore invite you to be one of our authors, and in doing so share your important research findings with the global food science community.

---

### Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, FSTA, AGRIS, PubAg, and other databases.

#### Journal Rank:

JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).