



*foods*



an Open Access Journal by MDPI

## Taking Advantage of Nature Towards Health: Extraction and Application of Nutrients and Phytochemicals in Foods

Guest Editors:

**Dr. Raúl Domínguez-Perles**

**Prof. Dr. Cristina García-Viguera**

**Dr. Nieves Baenas**

Deadline for manuscript  
submissions:

**closed (15 December 2019)**

### Message from the Guest Editors

The functional compounds in foods and by-products have attracted the attention of the scientific community because of the requirement of finding and controlling the factors that contribute to lessening the prevalence and severity of certain diseases and aging. This Special Issue is aimed at gathering outstanding cross-disciplinary approaches (reviews and original research) applying the optimization and validation of analytical methods of extraction and analysis of bioactive compounds, and of new markers of functionality in humans by advanced techniques, the design and development of new functional foods, beverages, and ingredients, as well as the evaluation of their stability in storage, and intervention studies in vitro and in vivo, characterizing the potential of bioactive nutrients and non-nutrients in foods and agro-food by-products, as well as the result of their microbial metabolism from the biological activity and health protection perspective.



[mdpi.com/si/23023](https://mdpi.com/si/23023)

**Special** Issue



*foods*



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Arun K. Bhunia

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

2. Department of Comparative  
Pathobiology (Courtesy), Purdue  
University, West Lafayette, IN,  
USA

## 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.

## 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](#), [FSTA](#), [AGRIS](#), [PubAg](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

## Contact Us

---

*Foods* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://twitter.com/Foods_MDPI)