



*foods*



an Open Access Journal by MDPI

## Advances of Ultrasound and Microwave Technology Application in Foods

Guest Editors:

**Prof. Dr. Michael Eskin**

Department of Food and Human Nutritional Sciences, Faculty of Agricultural and Food Sciences, University of Manitoba, Winnipeg, MB R3T 2N2, Canada

**Prof. Dr. Liuping Fan**

State Key Laboratory of Food Science and Technology, School of Food Science and Technology, Jiangnan University, 1800 Lihu Avenue, Wuxi 214122, Jiangsu, China

Deadline for manuscript submissions:

**closed (25 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

The current search for new and effective bioactives capable of treating or preventing human chronic diseases is part of a major trend by the food industry in their development of functional foods. New technologies for extracting these bioactives that meet environmental safety standards are a top priority. This issue will focus on microwave and ultrasound technologies, as novel green methods for extracting new and established bioactives. The demand for high quality, minimally processed products by consumers has also led to an increase in the use and development of novel microwave and ultrasound technologies for processing foods as well as for extracting bioactive compounds. New advances in the development these technologies will be discussed as well as their advantages over traditional methods.

Prof. Dr. Michael Eskin

Prof. Dr. Liuping Fan

*Guest Editors*



[mdpi.com/si/113608](https://mdpi.com/si/113608)

**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)