



*foods*



an Open Access Journal by MDPI

## High-Pressure Processing Technology: Current Researches and Future Prospects in Food Industry

Guest Editor:

**Prof. Dr. Gülsün Akdemir-Evrendilek**

Department of Food Engineering,  
Faculty of Engineering, Bolu  
Abant İzzet Baysal University,  
Bolu, Turkey

Deadline for manuscript  
submissions:

**closed (20 June 2023)**

### Message from the Guest Editor

Dear Colleagues,

Due to its dynamic nature, as well as the demand from consumers for fresh-like foods with better sensory and nutritional properties and with extended shelf life, the food industry has shown a significant amount of interest to novel processing technologies such as high hydrostatic pressure processing (HHP). Thanks to its effectiveness regarding microbial and enzyme inactivation and the preservation of the functionality of proteins and other bioactive compounds, HHP is one of the most popular technologies. Unlike other novel processing technologies, HHP can be applied to liquid as well as solid foods with a delicate nature, with and without packaging. Even though studies focusing on the HHP of different foods are reported in the current studies, comprehensive investigations focusing on the current status and future perspectives are still needed to determine its potential in food industry. This Special Issue, therefore, focuses on current research and future prospects of HHP in the food industry.

We look forward to your contributions to this Special Issue.

Prof. Dr. Gülsün Akdemir-Evrendilek  
*Guest Editor*



[mdpi.com/si/148946](https://mdpi.com/si/148946)

**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)