

## Special Issue

# Application of Novel Thermal and Non-Thermal Technologies to the Dairy Industry

### Message from the Guest Editors

We are excited to announce this Special Issue entitled “*Application of Novel Thermal and Non-Thermal Technologies to the Dairy Industry*”. This Special Issue aims to explore the latest advances and innovations in thermal and non-thermal technologies developed in the dairy industry. We invite researchers and experts in the field to contribute original research articles, reviews, and short communications that address the application, benefits, and challenges of these emerging technologies in the dairy industry. Topics of interest include but are not limited to the following: high-pressure processing, pulsed electric fields, ultrasound, microwave heating, ohmic heating, and novel thermal treatments. This Special Issue will provide valuable insights and contribute to the ongoing dialogue on improving dairy product quality, safety, yield, and sustainability.

### Guest Editors

Prof. Dr. Bruno Ricardo de Castro Leite Júnior

Department of Food Technology (DTA), Federal University of Viçosa (UFV), University Campus, Viçosa 36570-900, Brazil

Dr. Alline Artigiani Lima Tribst

Núcleo de Estudos e Pesquisas em Alimentação (NEPA), Universidade Estadual de Campinas (UNICAMP), Albert Einstein, 291, Campinas 13083-852, Brazil

### Deadline for manuscript submissions

closed (30 April 2025)



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/201537](https://mdpi.com/si/201537)

### 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/](https://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).