



*foods*



an Open Access Journal by MDPI

## Milk and Dairy Products: Linking the Chemistry, Structure, Processing, and Food Properties

Guest Editors:

**Prof. Dr. Song Miao**

Department of Food Chemistry and Technology, Teagasc Food Research Centre, Moorepark, Fermoy, P61 C996 Cork, Ireland

**Prof. Dr. Peng Zhou**

State Key Laboratory of Food Science and Technology, Jiangnan University, Wuxi 214122, China

Deadline for manuscript submissions:

**closed (10 March 2023)**

### Message from the Guest Editors

Dear Colleagues,

New milk sources are emerging and are foreseen to contribute new qualities to existing products. The structural and sensory properties of the dairy products vary significantly depending on the chemistry of milk from different sources and or animal species (e.g., buffalo, goat, sheep, camel, donkey). In this Special Issue we welcome you to contribute submissions (including original research and current review articles) on the chemistry of milk from different animal species, and its effects on the structural, sensory and nutritional value of processed products and the relation between composition, processing and product functionality, with topics such as:

- Correlations between chemistry, structure and function, and their relations to milk characteristics;
- The performance of milk from different animal species/breeds during processing and how it affects the structure and sensory properties of the processed dairy products;
- Effect of processing technologies (traditional and novel) as strategies for quality maintenance or improvement of the main milk components and dairy products (e.g., physical and chemical properties, nutritional value, sensory characteristics).



[mdpi.com/si/103868](https://mdpi.com/si/103868)

**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 47907, USA

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