



foods



an Open Access Journal by MDPI

Primary Production Factors Affecting the Composition and Quality of Milk and Dairy Products across the Supply Chain

Guest Editors:

Dr. Tom O'Callaghan

Department of Food and Nutritional Sciences, University College Cork, Cork, IE

Dr. Laurence Shalloo

Animal & Grassland Research and Innovation Centre, TEAGASC - The Agriculture and Food Development Authority, Moorepark, Fermoy, Co. Cork P61 C996

Dr. John Thomas Tobin

Department of Food Chemistry and Technology, TEAGASC - The Agriculture and Food Development Authority, Moorepark, Fermoy, Cork, Ireland

Deadline for manuscript submissions:

closed (1 October 2021)

Message from the Guest Editors

Milk is a rich reservoir of nutritional and functional ingredients and in recent years there has been an increased emphasis on strategies or technologies to further enrich milk as a source of these components, or to develop novel technologies to isolate, enrich and stabilize these components for use as ingredients in premium formulated products. Enhanced technologies in the field of "foodomics" have also increased our understanding of factors affecting the composition of milk beyond that of traditional wet chemistry methods with implications for prediction of products functionality, digestibility and authentication.

This Special Issue is therefore open to all contributions that examine factors from primary production across the dairy supply chain that can affect the composition, quality and functionality of dairy products, ingredients and their applications. Contributions may include research articles, reviews and short communications pertinent to these topics.



mdpi.com/si/65701

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

mdpi.com/journal/foods
foods@mdpi.com
[X@Foods_MDPI](https://twitter.com/Foods_MDPI)