

## Special Issue

# Mycotoxins in the Dairy Industry

### Message from the Guest Editors

Mycotoxins are toxic compounds produced as secondary metabolites by certain groups of fungi during their development, which can produce several toxic effects in animals and humans. When dairy animals ingest these toxins, in addition to their toxic effects, their metabolites or unmetabolized compounds may be transferred to their milk. In particular, dairy cows may shed mycotoxins and their respective biotransformation products in milk and milk products, leading to an additional exposure route for dietary mycotoxins in humans. Thus, this Special Issue addresses the challenge of mycotoxin contamination in the dairy industry, and welcomes studies that: report mycotoxin occurrence data in milk and dairy products; perform toxicity studies in dairy animals exposed to dietary mycotoxins; clarify biotransformation patterns of mycotoxins in lactating animals and their potential contribution for human exposure through the consumption of dairy products; and describe new analytical methodologies to determine mycotoxins in dairy food matrices. Critical reviews on the impacts of mycotoxins on dairy production systems and regulatory issues are also welcome.

### Guest Editors

Prof. Dr. Carlos Augusto Fernandes De Oliveira

Department of Food Engineering, Faculty of Animal Science and Food Engineering (FZEA), University of São Paulo (USP), Pirassununga 13635-900, SP, Brazil

Prof. Dr. Carlos Humberto Corassin

Department of Food Engineering, Faculty of Animal Science and Food Engineering (FZEA), University of São Paulo (USP), Av. Duque de Caxias Norte, 225, Pirassununga 13635-900, SP, Brazil

### Deadline for manuscript submissions

closed (20 July 2023)



## Dairy

an Open Access Journal  
by MDPI

Impact Factor 3.1  
CiteScore 4.9



[mdpi.com/si/121282](https://mdpi.com/si/121282)

*Dairy*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[dairy@mdpi.com](mailto:dairy@mdpi.com)

[mdpi.com/journal/  
dairy](https://mdpi.com/journal/dairy)





# Dairy

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.1  
CiteScore 4.9



[mdpi.com/journal/  
dairy](https://mdpi.com/journal/dairy)



## About the Journal

### Message from the Editor-in-Chief

*Dairy* (ISSN 2624-862X) is an international, peer-reviewed open access advanced forum for studies related to the advances in dairy science. It publishes reviews, regular research papers and short communications. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the maximum length of the papers. The full experimental details must be provided so that the results can be reproduced.

---

### Editor-in-Chief

Prof. Dr. Burim Ametaj

Department of Agriculture, Food and Nutritional Science, Faculty of Agricultural, Life and Environmental Sciences, University of Alberta, Edmonton, AB T6G 2R3, Canada

---

### Author Benefits

#### High Visibility:

indexed within ESCI (Web of Science), Scopus, FSTA, and other databases.

#### Journal Rank:

JCR - Q1 (Agriculture, Dairy and Animal Science) /  
CiteScore - Q1 (Agricultural and Biological Sciences  
(miscellaneous))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).