

## Special Issue

# Cereal Processing and Quality Control Technology

### Message from the Guest Editors

Cereal-based foods are staples of human nutrition, representing a primary source of energy. Traditional and innovative processing methods (milling, pearling, parboiling, malting, etc.) are implemented to change the chemical, physical, and food safety characteristics of the final product. Moreover, the growing demand for innovative cereal products incorporating under-utilized resources and new processing methods presents technological challenges, which also affect nutritional and sensory properties, as well as food safety. To ensure the safety and nutritional quality of both raw materials and processed cereal food products, it is essential to develop new and advanced quality control methods to be used during the production or development of new cereal-based foods. This Special Issue of *Foods* will explore topics relevant to cereal processing technology and quality control assessment. Articles evaluating the sustainability implications (environmental, economic, and social impacts or benefits) of implementing such technologies and innovations are encouraged. Original research articles, reviews, and theoretical and experimental research articles are also welcome.

---

### Guest Editors

Dr. Federica Taddei

CREA-Research Center for Engineering and Agro-Food Processing, Via  
Manziana 30, 00189 Rome, Italy

Dr. Roberto Ciccoritti

CREA-Research Centre for Olive, Fruit and Citrus Crops, Via di  
Fioranello 52, 00134 Rome, Italy

---

### Deadline for manuscript submissions

closed (10 October 2025)



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 8.7  
Indexed in PubMed



[mdpi.com/si/193784](https://mdpi.com/si/193784)

*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/  
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 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).