

Special Issue

Cereal-Based Food Processing and Nutritional Quality: Latest Advances and Prospects

Message from the Guest Editors

Grain foods are a dietary staple in many countries around the world. This includes products such as pasta, bread, pastries, snacks, and breakfast cereals. Currently, many consumers are aware of the foods they eat, and insist that their meals be nutritious and health-promoting. Cereal grains, although rich in complex carbohydrates, fiber, protein, vitamins, minerals, and bioactive substances, often have certain components in deficient amounts; hence, the fortification of cereal-based foods seems to be justified. Widespread and new food production and fortification techniques are facilitating this task. Fermented and gluten-free products are also becoming popular, responding to specific needs in various disease entities and food intolerances. This Special Issue encourages the publication of original research papers and review articles on the following:

- Novel and fortified cereal-based foods;
- Common and innovative methods of cereal food production;
- The impact of various processes on the quality and nutritional value of products;
- Prospects for development in cereal-based food production.

Guest Editors

Dr. Dorota Teterycz

Dr. Anna Wirkijowska

Dr. Piotr Zarzycki

Deadline for manuscript submissions

20 August 2025



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/209997

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

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





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

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), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)