



## Advanced Food Processing Technologies and Food Quality

Guest Editors:

**Prof. Dr. Katarzyna Marciniak-Lukasiak**

**Prof. Dr. Anna Zbikowska**

**Dr. Piotr Lukasiak**

Deadline for manuscript  
submissions:

**20 September 2024**

### Message from the Guest Editors

Dear Colleagues,

A number of new food processing technologies have emerged in recent years, such as high-pressure processing, radiofrequency heating, ohmic heating, high-intensity pulsed light, and cold plasma. Many of these technologies are still in the research phase, as little is still known about their impact on food quality and safety. On the other hand, unconventional raw materials are increasingly being used because they are a source of many valuable ingredients, e.g., proteins, minerals, and vitamins. Products of this type are in demand, but consumers require appropriate sensory characteristics, so it is desirable to conduct research to ensure food quality.

Therefore, the Special Issue of 'Advanced Food Processing Technologies and Food Quality' invites researchers in the field of food technology and nutrition to submit papers related to the use of various raw materials and innovative methods of food production, processing, process optimization, preservation, and storage in terms of food safety and quality, as well as the application of modern technologies.





an Open Access Journal by MDPI

## Editor-in-Chief

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

## 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.

## 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), Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q2 (*Engineering, Multidisciplinary*) / CiteScore - Q1 (*General Engineering*)

## Contact Us

---

Applied Sciences Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/applsci](http://mdpi.com/journal/applsci)  
[appls@mdpi.com](mailto:appls@mdpi.com)  
[X@Appls](https://twitter.com/appls)