

## Special Issue

# Innovative Food Processing and Technologies for Food Quality and Safety

### Message from the Guest Editor

Research in the food sector is increasingly oriented towards ensuring a high level of quality and safety of food products. To achieve this goal, scientists are evaluating a wide range of innovative or emerging technologies and methods. The research and development of new processes that can preserve and increase the quality of foods and drinks are a priority nowadays. New technologies must guarantee that products are free from pathogenic microorganisms as well as preserve the nutritional and sensorial components of food products. Furthermore, innovative technological processes can increase the final nutritional value through the addition of bioactive compounds or functional ingredients. This Special Issue aims to provide insight into new opportunities regarding innovative food processing, innovative analytical approaches, innovative ingredients, and food safety. Authors are encouraged to submit original studies and high-quality reviews on the safety aspects of new food and processing technologies, covering nutritional microbiological and chemical-physical sensory quality and strategies to monitor and overcome the associated challenges.

### Guest Editor

Dr. Roberta Foligni

Department of Human Sciences and Promoting of the Quality of Life,  
San Raffaele Telematic University Rome, Via Val Cannuta 247, 00166  
Rome, Italy

### Deadline for manuscript submissions

20 February 2026



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/207233](https://mdpi.com/si/207233)

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

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