



*foods*



an Open Access Journal by MDPI

## New Preservation Strategies to Improve Food Quality

Guest Editors:

**Dr. Lucia Parafati**

Department of Agriculture Food and Environment, University of Catania, Catania, Italy

**Dr. Elena Arena**

Department of Agriculture, Food and Environment, University of Catania, Catania, Italy

Deadline for manuscript submissions:

**closed (15 June 2022)**

### Message from the Guest Editors

Currently, there is a growing demand from consumers for foods formulated with natural preservatives with a prolonged shelf life. Research aims to improve food quality through different methods, such as the development of new processes, the use of active packaging, the use of plant extracts with high antioxidant power and/or antimicrobial activity and the use of antagonistic microorganisms able to prevent food spoilage.

All strategies should improve the overall qualitative characteristics of food by acting synergistically both from a chemical–physical and microbiological point of view. Moreover, it is essential to understand the mechanism of action that lies at the basis of any conservation strategy.

For this Special Issue on "New Preservation Strategies to Improve Food Quality", we welcome papers that enhance our understanding about the use of new preservative strategies that can improve the quality characteristics of food and prevent its loss due to deterioration.



[mdpi.com/si/97424](https://mdpi.com/si/97424)

**Special** Issue



*foods*



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Arun K. Bhunia

1. Department of Food Science,  
Purdue University, West  
Lafayette, IN, USA

2. Department of Comparative  
Pathobiology (Courtesy), Purdue  
University, West Lafayette, IN,  
USA

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [FSTA](#), [AGRIS](#), [PubAg](#), and [other databases](#).

**Journal Rank:** JCR - Q1 (Food Science and Technology) / CiteScore - Q1 (Health Professions (miscellaneous))

## Contact Us

---

*Foods* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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

[mdpi.com/journal/foods](http://mdpi.com/journal/foods)  
[foods@mdpi.com](mailto:foods@mdpi.com)  
[X@Foods\\_MDPI](https://twitter.com/Foods_MDPI)