



*foods*



an Open Access Journal by MDPI

## Future Challenges in Food Safety

Guest Editors:

**Prof. Dr. Alessandra Guidi**

Department of Veterinary  
Sciences, University of Pisa, Via  
Delle Piagge 2, 56124 Pisa, Italy

**Prof. Dr. Beniamino T. Cenci-  
Goga**

Department of Veterinary  
Medicine, University of Perugia,  
06121 Perugia, Italy

Deadline for manuscript  
submissions:

**closed (20 September 2021)**

### Message from the Guest Editors

The food sector, globally considered among the most important for global economic development, is currently facing significant problems, such as safety and environmental issues, regulatory constraints, and growing demand. Concerning the latter, it is estimated that the global population will reach at least 9 billion by the year 2050, requiring up to 70% more food and sustainable production chains. This means that the need to make food chains efficient and effective has never been greater. It is also estimated that the augmented demand for food and the augmented international trade will result in an increase of foodborne diseases. Emerging and re-emerging pathogens, toxic contaminants, and allergens directly affect global food safety, while globalization, climate changes, urbanization, and the rise of an aging and immunosuppressed population act indirectly. In this context, in order to produce safe, sustainable food and to simultaneously maintain competitiveness on the market, it is necessary for the sector to put in place strategies aiming to address and overcome the current and forthcoming challenges.



[mdpi.com/si/68514](https://mdpi.com/si/68514)

**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)