

## Special Issue

# Exploring Bioactive Compounds in Agrifood Waste: Sustainable Valorisation of Food Residues

### Message from the Guest Editors

In our modern era, embracing sustainable practices presents not only a critical challenge but also holds the promise of significant transformation. These practices not only positively impact the environment but also have the potential to drive substantial changes in the social and economic fabric of our society. Within this framework, one of our most ambitious challenges is to identify and optimize strategies for harnessing the value of food waste and by-products. Food waste, projected to reach alarming levels—up to 50% of total food production in the near future—demands urgent attention regarding our social and environmental responsibilities. Food waste and by-products are not mere discards; rather, they represent a valuable and largely untapped resource of bioactive compounds, ready to be utilized across various sectors spanning from nutrition and healthcare to cosmetics and pharmaceuticals. This Special Issue aims to highlight the diverse and sustainable opportunities presented by the valorisation of agro-industrial waste. We warmly invite you to share your experiences and discoveries, as together, we can contribute to promoting a more sustainable future.

---

### Guest Editors

Dr. Carla Gentile

Department of Biological, Chemical and Pharmaceutical Sciences and Technologies (STEBICEF Department), University of Palermo, Viale delle Scienze, Italy Scienze, 90128 Palermo, Italy

Dr. Graziella Serio

Department of Agricultural, Food and Forest Sciences, University of Palermo, Palermo, Italy

---

### Deadline for manuscript submissions

10 March 2025



## Foods

---

an Open Access Journal  
by MDPI

---

Impact Factor 4.7  
CiteScore 7.4  
Indexed in PubMed



[mdpi.com/si/199630](https://mdpi.com/si/199630)

*Foods*

MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[foods@mdpi.com](mailto:foods@mdpi.com)

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





# Foods

an Open Access Journal  
by MDPI

Impact Factor 4.7  
CiteScore 7.4  
Indexed in PubMed



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



## About the Journal

### 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.

### 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

### Author Benefits

#### 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))

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.5 days after submission; acceptance to publication is undertaken in 2.5 days (median values for papers published in this journal in the second half of 2024).