

Special Issue

Food Waste as Ingredients in Functional Food Development: Sources, Extractions and Functionality

Message from the Guest Editor

The management of food waste has emerged as a critical global challenge with significant environmental, economic, and social implications. This Special Issue, "Food Waste as Ingredients in Functional Food Development: Sources, Extractions and Functionality", focuses on innovative approaches to valorising food waste as a resource for developing functional foods. By transforming by-products and discarded materials from the food industry into valuable ingredients, researchers can contribute to sustainable food systems while improving health outcomes through enhanced nutrition. Articles in this Special Issue will explore the cutting-edge techniques used in the extraction and characterisation of bioactive compounds, their integration into functional food formulations, and their overall impact on human health and product functionality. Contributions are encouraged to address challenges and opportunities in the utilisation of food waste, providing insights into its future trends and applications.

Guest Editor

Dr. Gabriele Ballistreri

Council for Agricultural Research and Economics (CREA), Research Center for Olive, Fruit and Citrus Crops, Acireale, Italy

Deadline for manuscript submissions

31 December 2025



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



mdpi.com/si/223813

Foods

Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

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





Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
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 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, 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 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).