

Special Issue

Active Ingredients and High-Value Utilization of Food Processing By-Products

Message from the Guest Editors

This Special Issue aims to collect research articles and reviews concerning food by-products. According to current data, some billions of foods are wasted annually, including significant quantities of fruit and vegetable by-products, accounting for approximately 40–50% of the total discards. However, food by-products are generally recognized as a significant source of bioactive compounds such as polyphenols, fibers or minerals. For this reason, many researchers are endeavoring to reduce the production of by-products, valorize and reuse these valuable resources. Due to their active properties, some by-products have been employed as natural food additives in order to control detrimental phenomena and prolong the shelf life of products. The value of the compounds contained in food by-products can also be increased by adding them to the polymeric matrix to enhance the properties of polymeric films. Despite the considerable interest in food by-products, research concerning the functional properties of by-products and their incorporation into the food or polymer matrix of fruit by-product-derived phenolic compounds requires further scientific attention.

Guest Editors

Prof. Dr. Matteo Alessandro Del Nobile

Department of Agriculture Sciences, Food and Environment, University of Foggia, Via Napoli, 25, 71122 Foggia, Italy

Dr. Amalia Conte

Department of Humanistic Studies. Letters, Cultural Heritage, Educational Sciences, University of Foggia, Foggia, Italy

Deadline for manuscript submissions

closed (31 July 2025)



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 10.3
Indexed in PubMed



mdpi.com/si/226821

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 10.3
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 15 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).