

Special Issue

Recovery of Bioactive Compounds from Food Processing Waste: Extraction and Application in Foods

Message from the Guest Editor

The global food industry generates vast amounts of processing by-products and waste, representing not only a significant environmental concern but also a valuable untapped source of bioactive compounds with antioxidant, antimicrobial, and health-promoting properties. This Special Issue will contribute to further knowledge on the development of value-added functional ingredients or food products, promote sustainable food systems through circular economy principles. It is expected to gather original research articles and reviews focused on innovative strategies for the recovery, characterization, and application of bioactive compounds derived from food processing waste, specified in, but not limited to, the following topics:

Green and sustainable extraction techniques.
Novel solvents and clean technologies.
Identification and characterization of recovered bioactive compounds.
Stability, bioaccessibility, and bioavailability of extracted compounds.
Incorporation of recovered compounds into food formulations.
Functional and sensory evaluation of enriched food products.
Novel ingredients for 3-D food printing.
Safety, regulatory, and consumer perception aspects.

Guest Editor

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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

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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).