

## 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

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### Deadline for manuscript submissions

closed (10 March 2025)



## Foods

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### 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.

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### Editor-in-Chief

Prof. Dr. Arun K. Bhunia

Department of Food Science, Department of Comparative Pathobiology  
(Courtesy), Purdue University, West Lafayette, IN, USA

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