

## Special Issue

# The Extraction, Characterization and Application of Functional Ingredients from Agri-Food Wastes and By-Products

### Message from the Guest Editors

The food industry produces large quantities of waste and by-products that are rich in bioactive compounds, which can be used as functional ingredients for the preparation of food and pharmaceutical products. To take advantage of these benefits, advanced extraction techniques have gained importance over conventional methods in recent years. These techniques, which are influenced by various extraction parameters and matrix-related factors, need to be carefully optimized in order to increase efficiency and obtain targeted bioactive compounds. The valorization of agri-food waste and by-products can be achieved through advanced drying technologies. The aim of this Special Issue is therefore to present the latest research findings on the valorization of agri-food processing waste and by-products using advanced methods for the extraction, isolation, and characterization of bioactive compounds. We invite contributions which present findings on extraction methods, optimization strategies, and the evaluation of bioactive compounds, with a focus on practical applications in sustainable food practices.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 May 2025)



## Foods

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CiteScore 8.7  
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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

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