

## Special Issue

# Extracts from Plant Foods: Biological Characterization and Application

### Message from the Guest Editors

By integrating their relatively high safety and renewability, the exploration and utilization of functional components derived from plant foods have attracted significant attention in the food industry. However, several concerns must be addressed urgently. 1) Resource mining; 2) Separation and chemical structure analysis; 3) Biological characterization. In this Special issue, we welcome original articles, mini-reviews, full reviews, commentaries, and perspectives focusing on, but not limited to, the following:

Components analysis in plant foods.

Component detection techniques.

Extraction techniques for plant-food-derived components.

Health-promoting effects of plant-food-derived components.

Structure–activity relationship for health-promoting effects of plant-food-derived components.

In vivo metabolisms of plant-food-derived components.

Interactions among gut microbiota and plant-food-derived components.

Molecular mechanisms for health-promoting effects of plant-food-derived components.

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### Guest Editors

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### Deadline for manuscript submissions

closed (31 March 2025)



## Foods

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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.

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### Editor-in-Chief

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#### Journal Rank:

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#### 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).