

## Special Issue

# Microencapsulation of Bioactive Compounds and Their Applications

### Message from the Guest Editors

This Special Issue aims to explore the latest advancements and challenges of microencapsulation techniques in delivering bioactive compounds derived from diverse sources, as well as their applications in various fields, including food and beverages, and agriculture. We invite researchers from multidisciplinary backgrounds to contribute original research articles, reviews, and perspectives that delve into (but are not limited to) the following areas:

- Microencapsulation Techniques: novel approaches and methodologies for microencapsulation;
- Characterization Methods: advanced analytical techniques for characterizing microcapsules, including morphology, size distribution, encapsulation efficiency, and release kinetics;
- Bioactive Compounds: exploration of bioactive compounds derived from various sources;
- Food and Beverage Industry: incorporation of microencapsulated bioactive compounds in functional foods, beverages, dietary supplements, and nutraceuticals;
- Agricultural Applications: utilization of microencapsulation for controlled release fertilizers; agrochemicals, pesticides, and growth regulators to improve crop yield and sustainability.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 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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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).