

## Special Issue

# Emerging Food Technologies and Novel Ingredients for Sustainable Innovation

### Message from the Guest Editors

The growing global population and environmental challenges demand innovative approaches to food systems that foster sustainability and efficiency. This Special Issue focuses on emerging food technologies and novel ingredients that drive sustainable innovation. It highlights strategies in advanced processing technologies and alternative ingredients to enhance food quality, nutritional value, and resource efficiency. The topics of interest include innovative approaches utilizing plant-based proteins, insect-derived ingredients, single-cell proteins, and fractionated components from plant extracts or microalgae. These approaches contribute to reducing environmental impact, optimizing resource utilization, and addressing global food security challenges. We welcome submissions that investigate the potential of novel technologies to improve physicochemical properties, develop functional foods, and minimize waste in food systems. This Special Issue also encourages research on the application of cutting-edge technologies to enhance the functionality of new ingredients while maintaining environmental integrity.

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### Deadline for manuscript submissions

31 August 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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