

## Special Issue

# Bioactive Compounds in Food: From Molecule to Biological Function

### Message from the Guest Editors

Dietary phytochemicals (e.g., phenolic acids, carotenoids, and flavonoids) are widely known for their various bioactive activity in human health. Most phytochemicals are unstable and easily degraded during food storage, processing, or cooking.

Phytochemicals can also be transformed in the lumen of the upper digestive tract during digestion. Currently, many novel strategies (e.g., food formulations and nanotechnologies) can be considered to promote the absorption and utilization of the phytochemicals. Thus, we invite authors to contribute to this Special Issue with articles related to the influence of the food matrix or nutrient delivery system on the stability and bioavailability of phytochemicals. This also includes the potential of these molecules to preserve health in different chronic diseases.

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### Guest Editors

Dr. Yanning Shi  
Dr. Hongyan Li  
Dr. Xing Hu

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### Deadline for manuscript submissions

closed (26 December 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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