

## Special Issue

# Applications of Mass Spectrometry Coupled with Chromatographic Techniques for the Analysis of Bioactive Compounds in Food Matrices

### Message from the Guest Editors

Chromatographic techniques coupled with mass spectrometry, either LC-MS/MS or GC-MS/MS are powerful tools for trace analysis of bioactive compounds in food samples. Recently, due to the rapid development of MS/MS instrument and the continuous application of artificial intelligence (AI) in data processing software, the big data omics techniques such proteomics, metabolomics, and lipidomics have developed more and more quickly and applied in a wider area. Therefore, in order to ensure food quality and safety, this Special Issue is committed to provide a broad and multidisciplinary platform for researches that contribute to analysis of bioactive compounds in food samples. We welcome the studies on the characterization, identification, determination, and metabolism of bioactive compounds using mass spectrometry coupled with chromatographic techniques.

### Guest Editors

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### Deadline for manuscript submissions

closed (20 March 2026)



## Foods

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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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