

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 as 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

Dr. Zhiming Xiao

State Key Laboratory for Biology of Plant Disease and Insect Pests, Institute of Plant Protection, Chinese Academy of Agricultural Sciences, Beijing 100193, China

Prof. Dr. Yiqiang Chen

State Key Laboratory of Animal Nutrition, College of Animal Science and Technology, China Agricultural University, Beijing 100193, China

Deadline for manuscript submissions

20 September 2025



Foods

an Open Access Journal
by MDPI

Impact Factor 5.1
CiteScore 8.7
Indexed in PubMed



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
foods@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Arun K. Bhunia

1. Department of Food Science, Purdue University, West Lafayette, IN 47907, USA

2. Department of Comparative Pathobiology, Purdue University, West Lafayette, IN 47907, USA

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