# Special Issue

# Innovative Applications of Metabolomics in Food Science

### Message from the Guest Editors

In recent years, there has been a growing need in the food industry, and among consumers, for instruments that can ensure the quality and origin of meals. This includes confirming the composition of the food and detecting any instances of fraud or misrepresentation. Multivariate data analysis is a crucial technique for examining extensive and intricate datasets, and it is widely used in several scientific fields, including genomics, transcriptomics, proteomics, metabolomics, and lipidomics. Metabolomic studies provide valuable insights into enhancing nutritional and functional characteristics, preventing foodborne illnesses, and comprehending the impacts of processing and storage. This Special Issue will focus on the latest breakthroughs in metabolomic technologies that have been developed for assessing agricultural goods and diets. The subjects that will be discussed include the use of metabolomic technology to assess and analyze agricultural goods and foods, as well as methodological progress in metabolomic analysis employing agricultural and food-related big data.

### Guest Editors

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### Deadline for manuscript submissions

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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.

## Editor-in-Chief

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