

## Special Issue

# Bioactive Compounds Biosynthesis and Metabolism in Food

### Message from the Guest Editors

Food quality has been highlighted in recent decades as one of the most important areas of study due to the increasing concerns over human health, today this field involves not only food shelf-life improvement, but also the enhancement of bioactive metabolites. Improving food quality depends upon a proper comprehension of food metabolisms and their modulation. In this sense, variations can occur owing to diverse external conditions at all stages of the food cycle, from initial culture until storage. Such differences can be also addressed with food processing improvements through the use of technologies such as ultrasound, microwave, and others. Moreover, these elucidations regarding food metabolism can only be observed because of the new technologies and methodologies which have been developed in analytical chemistry, together with advances in molecular biology and genomics, and all these advances boost the discovery of bioactive molecules. This Special Issue will focus on the discovery and modulation of the biosynthetic pathways of bioactive compounds in all kinds of food matrices, including new methods and techniques applied for this purpose.

### Guest Editors

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### Deadline for manuscript submissions

closed (15 February 2024)



## Metabolites

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## About the Journal

### Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

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### Editor-in-Chief

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