

## Special Issue

# Impact of Food and Bioactive Compounds on Metabolic Diseases

### Message from the Guest Editors

Metabolic diseases are a significant public health problem worldwide. Metabolic diseases include metabolic syndrome, type 2 diabetes, and non-alcoholic fatty liver disease (NAFLD), leading to the development of cardiovascular disease. In recent years, technology for separating and purifying food components and analyzing biological various samples has improved dramatically, and numerous studies have discovered food factors and bioactive compounds that contribute to preventing and alleviating metabolic diseases. The accumulation of the above basic research knowledge is essential, and we believe that it will lead to the maintenance and promotion of human health. Therefore, in this Special Issue of *Metabolites*, we invite research articles on the “Impact of Food and Bioactive Compounds on Metabolic Diseases” including in vitro studies using cultured cell lines, in vivo studies using animal models, and dietary intervention studies.

### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2025)



## 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

Dr. Amedeo Lonardo

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