

## Special Issue

# Effects of Dietary Supplementation in Metabolic Syndrome

### Message from the Guest Editors

Metabolic syndrome is a serious health issue that represents a relevant social and economic burden in society. It includes a range of metabolic disorders, such as obesity, type 2 diabetes mellitus, dyslipidemia, atherosclerosis, and hypertension, which constitute risk factors for cardiovascular diseases.

Metabolic syndrome is still not fully understood, and researchers continue to work to try to unravel the many factors that contribute to its complexity. Molecular mechanisms associated with its development and progression, predisposing genetic factors, the type of diet, and other lifestyle changes are examples of topics that continue to be studied to try to prevent and treat the metabolic syndrome.

In particular, the effect of the various molecules that make up food, whether as natural ingredients or added in the form of supplements, is a current topic with much knowledge to be explored.

This Special Issue will therefore include a wide range of papers in the various areas that can contribute to improving our levels of knowledge about metabolic syndrome and the different ways to prevent or treat it, with a special emphasis on the effects of dietary supplementation.

### Guest Editors

Prof. Dr. Dulce Estêvão

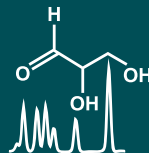
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### Deadline for manuscript submissions

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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.

### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).