Special Issue

Metabolite Markers of Phytochemicals

Message from the Guest Editor

Bioactive phytochemicals are commonly used as dietary supplements, food and feed additives, and even as pharmacological agents. Benefits and adverse effects of bioactive phytochemicals are closely associated with the bidirectional interactions between phytochemicals and the metabolic system. Therefore, any metabolites that respond sensitively to phytochemical exposure and treatments are potential metabolite markers of phytochemicals. This Special Issue aims to examine these metabolite markers of phytochemicals as well as underlying mechanisms, the significances, and the applications of these metabolite markers. The coverage of this Special Issue includes, but is not limited to, the following topics:

- Exposure markers and metabolic routes of phytochemicals
- Metabolic effects on phytochemicals on the digestion, absorption, distribution and metabolism of nutrients and antioxidants
- Influences of phytochemicals on microflora and microbial metabolism
- Metabolites associated with the toxicity of phytochemicals
- Metabolic interactions between phytochemicals and pharmacological agents

Guest Editor

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Deadline for manuscript submissions

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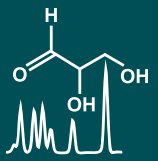

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About the Journal

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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