



Impact of Foods and Bioactive Compounds on Metabolic Profile

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Message from the Guest Editors

Dear Colleagues,

The intake of nutrients and bioactive compounds or a complex mixture of these in food matrices can have profound effects on metabolism; therefore, in recent years, several studies have been conducted which focused on this topic. However, due to the complexity and multifaceted nature of the interactions and effects of food and its bioactive compounds, it is important to broaden our understanding of this subject.

Metabolic profiling or metabolomics is a rapidly growing field of research, mostly due to progress in the field due to the development of several state-of-the-art analytical techniques. Therefore, this Special Issue is dedicated to the report of recent advances in systems dynamics and metabolic changes, both in vitro and/or in vivo, using metabolic approaches, aiming to rationalize the complex relationships between diet, metabolism, health, and disease.

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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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