

Special Issue

Metabolic Insights into Natural Health Products and Dietary Supplements for Human Health

Message from the Guest Editors

Natural health products and dietary supplements are increasingly recognized for their potential to support human health and prevent disease. These products, often derived from plants, encompass a wide range of compounds, including vitamins, minerals, herbal extracts, and functional foods. Understanding the metabolic pathways and mechanisms through these natural health products to exert their effects is crucial for validating their benefits, optimizing their use and ensuring safety. Up to 85% of peoples, according to the WHO, use herbs and other substances from their traditional medical systems for their primary care. Although herbs from traditional European sources have been the most popular in commercial dietary supplements, agents from traditional systems have gained in popularity. In accordance with the recent WHO declaration on Traditional Medicine, this issue will also focus on substances from traditional sources. This Special Issue aims to explore the metabolic insights into natural health products, dietary supplements, and botanicals derived from Traditional Medical Systems, focusing on their biochemical interactions, physiological impacts, and therapeutic potentials.

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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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