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Metabolomics in Plant Natural Products Research

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Message from the Guest Editor

Dear Colleagues,

This Special Issue on plant natural product research and metabolomics aims to bring together works that advance our understanding of plant–environment interactions, the determination of chemical markers, and the prioritization and targeted isolation of active principles from medicinal plants. The natural products from plants have been a reliable source of potential drug-active components, and the bioactivity of natural extracts can be characterized by the synergism between different metabolites. Metabolomic approaches, such as LC/MS, GC/MS, and NMR, are appropriate ways to assess the complex interactions and to identify the different factors that may affect the production and accumulation of specialized metabolites in different species.

Prof. Dr. Junsong Wang
Guest Editor



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Special Issue



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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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