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Metabolism and Composition Analysis of Nutritional Quality of Agricultural Products

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Message from the Guest Editors

Agricultural products not only contain nutrients, including proteins, functional dietary fiber, and starch, but also have an abundance of phytochemicals. Metabolomics can examine a broad range of compounds with different chemical natures and solubilities in organisms and provide information about intensity changes. Metabolomics approaches also reveal novel connections between metabolites and biological characteristics under various cultivation and process conditions, geographical distributions, contaminant and environmental stressors and genetic variations.

This Special Issue of *Metabolites*, “Metabolism and Composition Analysis of Nutritional Quality of Agricultural Products”, will not only focus on the discovery and identification of phytochemicals relating to the nutrition and quality of agricultural products, but will also reveal the difference of the metabolism and accumulation of phytochemicals in agricultural products among various cultivar types, cultivation patterns, climatic conditions, harvest times and storage conditions. Manuscripts dealing with other challenging issues are also highly desired.



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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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