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Advance in Metabolomics Application for Food Fermentation

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Deadline for manuscript submissions:
15 January 2022

Message from the Guest Editor

Dear Colleagues,

Fermented foods are one of the important food categories that are frequently used all over the world, including alcoholic beverages, dairy products, and seasonings. In fermented foods, in addition to the food material itself, various taste compounds created by the action of fermented microorganisms form a unique flavor. Fermented foods are multifunctional foods consisting of a wide variety of compounds, and the relationship between the contained compounds and their functions is extremely complicated. In this Special Issue, the editor expects the results of research that explores the relationship between various functions of fermented foods and the components contained in them by metabolomics method. Fermented foods are not limited to finished products such as alcoholic beverages, dairy products, and seasonings. For example, research related to the fermentation of beverages, such as coffee and tea, and food ingredients, such as cacao, are also welcomed.

Prof. Dr. Eiichiro Fukusaki
Guest Editor

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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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