Special Issue

New Trends in Foodomics and Machine Learning in Japan and New Zealand

Message from the Guest Editors

Japan and New Zealand are island countries located in the Pacific Ocean. The two countries are located at opposite ends in the northern and southern hemispheres. However, both countries have much in common in terms of land, climate, and nature. In recent years, climate change has increased the importance of sustainable food production. Japan and New Zealand are international partners in collaborative research projects. This special issue aims to publish research papers and review articles using metabolomics approaches on livestock products, dairy products, crops, and their processing, which are undertaken in Japan and New Zealand. In particular, we invite papers on food analysis, quality control, machine learning, and other topics that will lead to future digital transformations. By publishing this special issue, we will provide information for application to the livestock industry, for improving agricultural production, and for improving the production of processed food products.
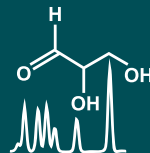
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About the Journal

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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