metabolites

an Open Access Journal by MDPI

IMPACT FACTOR 4.1

Indexed in: PubMed

CITESCORE 5.3

New Trends in Foodomics and machine learning in Japan and New Zealand

Guest Editors:

Dr. Shuji Ueda
Graduate School of Agricultural Science, Department of Agrobioscience, Kobe University, Kobe, Hyogo, Japan

Dr. Biniam Kebede
Department of Food Science, University of Otago, Dunedin 9054, New Zealand

Dr. Yanan Zhao
Graduate School of Agricultural Science, Kobe University, Kobe, Japan

Deadline for manuscript submissions:
closed (31 March 2024)

Message from the Guest Editors

Dear Colleagues,

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.

metabolites

IMPACT FACTOR 4.1 | Indexed in: PubMed | CITESCORE 5.3

an Open Access Journal by MDPI

Editor-in-Chief

Dr. Amedeo Lonardo

1. Formerly Director of the Simple Operating Unit "Metabolic Syndrome", Azienda Ospedaliero-Universitaria, 41126 Modena, Italy
2. Formerly Professor of Internal Medicine, School of Specialization of Allergology and Clinical Immunology, University of Modena and Reggio Emilia, 41121 Modena, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.
High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.
Journal Rank: JCR - Q2 (*Biochemistry & Molecular Biology*) / CiteScore - Q2 (*Endocrinology, Diabetes and Metabolism*)

Contact Us

Metabolites Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/metabolites
metabolites@mdpi.com
𝕏@MetabolitesMDPI