

Metabolomics in Plant Natural Products Research

Guest Editor:

Prof. Dr. Junsong Wang

Center for Molecular Metabolism,
School of Environmental &
Biological Engineering, Nanjing
University of Science &
Technology, Nanjing
210094, China

Deadline for manuscript
submissions:

15 January 2025

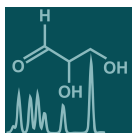
Message from the Guest Editor

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





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, CAPUS / 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