

Special Issue

Association between Natural Products and the Metabolism in Humans

Message from the Guest Editors

The analysis and reconstruction of novel metabolic mechanisms by means of genome mining and synthetic biology, and the development of small molecule drugs with new structures through structural modification, modification and optimization can provide new ideas for breaking through the bottleneck in the development of molecularly targeted drugs. Targeting natural drug molecular families with significant activity, unique structure or/and wide clinical application, revealing the in vivo biotransformation and analyzing the molecular mechanism can further promote the development of natural products. In recent years, several technological and scientific developments, including improvements in analytical tools, genome mining and engineering strategies, and advances in microbial culture, have injected new opportunities for natural product-related research. Here, we aim to compile innovative original research and review articles that shed light on the metabolic transformations, potential targets, molecular mechanisms of natural products and their association with the human metabolism.

Guest Editors

Dr. Hui Li

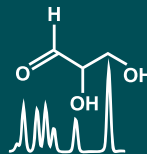
Beijing Key Laboratory of Diagnostic and Traceability Technologies for Food Poisoning, Beijing Center for Disease Prevention and Control, Beijing 100013, China

Dr. Feifei Sun

College of Animal Science and Technology, Anhui Agricultural University, Hefei, China

Deadline for manuscript submissions

closed (31 August 2024)



Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 5.7
Indexed in PubMed



mdpi.com/si/181536

Metabolites

MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
metabolites@mdpi.com

[mdpi.com/journal/
metabolites](https://mdpi.com/journal/metabolites)





Metabolites

an Open Access Journal
by MDPI

Impact Factor 3.4
CiteScore 5.7
Indexed in PubMed



[mdpi.com/journal/
metabolites](https://mdpi.com/journal/metabolites)



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

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
-

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Biochemistry and Molecular Biology) / CiteScore - Q2 (Endocrinology, Diabetes and Metabolism)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 13.9 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2024).