Special Issue

Nutraceuticals: Current Approaches in Their Metabolism, Biological Activity and Preservation

Message from the Guest Editors

This volume aims to compile and disseminate recent efforts regarding the discovery of new sources of nutraceuticals supported by cutting-edge analytical techniques and novel biological or in silico protocols which led to elucidating their therapeutic effects. In addition, reports on new biotechnological platforms to scale the production of molecules with proven nutraceutical activity are also welcome. Authors are invited to submit potential contributions considering the following points:

- Qualitative and quantitative analytical studies for determining the accumulation of single or combined nutraceuticals in novel or overlooked edible sources.
- Metabolomics profiling to understand the synthesis and accumulation of primary and secondary metabolites in edible sources under diverse experimental conditions.
- In vitro, in vivo and in silico approaches to clarify the nutraceutical activity of single or combined substances.
- Biosynthesis, metabolic engineering, tissue culture and elicitation for the sustainable production of nutraceuticals.
- New methods to preserve nutraceuticals in foods.
- Comprehensive reviews on the status of molecules with nutraceutical activity.

Guest Editors

Dr. Nemesio Villa-Ruano
CONACyT—Benemérita Universidad Autónoma de Puebla, Puebla, Mexico

Dr. Edmundo Lozoya-Gloria
Centro de Investigación y de Estudios Avanzados del IPN, Unidad Irapuato, Km 9.6 Carretera Irapuato-León, 36824 Irapuato, Guanajuato, Mexico

Deadline for manuscript submissions

closed (30 November 2023)

Metabolites

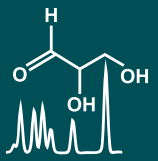
an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed

mdpi.com/si/171004

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

mdpi.com/journal/metabolites



Metabolites

an Open Access Journal by MDPI

Impact Factor 3.7
CiteScore 6.9
Indexed in PubMed

mdpi.com/journal/metabolites

MDPI

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
Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 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 14.4 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2025).