# Special Issue

# The Role of Phytonutrients in Metabolic Disorders

## Message from the Guest Editors

During the last decade, metabolic disorders posing one of the greatest threats to health. Increasing knowledge of the molecular mechanisms underlying metabolic disorders has led to the development of a vast number of drugs. The use of chemically synthesized drugs has not significantly improved the overall survival rate. As a result, the role of dietary bioactive substances in features of metabolic disorder have been extensively investigated. Phytonutrients are promising options to improve treatment efficiency and decrease the adverse reactions. This special issue is based on the importance of phytonutrients in metabolic disorders. It will provide the platform to authors and encourage them that there is great need to conduct research on the key regulatory mechanisms and clinical potential of phytonutrients in metabolic pathways. We welcome authors to submit their research papers, review articles, and short communications to share the recent advances on phytonutrients which provides the insight into clinical uses to evaluates phytonutrients as a source of new drug candidate molecules for metabolic disorders.

#### **Guest Editors**

Dr. Azhar Rasul

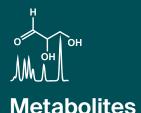
Department of Zoology, Faculty of Life Sciences, Government College University Faisalabad, Punjab 38000, Pakistan

Dr. Şevki Adem

Department of Chemistry, Cankiri Karatekin University, Cankiri 18100, Turkey

### Deadline for manuscript submissions

closed (15 September 2023)



an Open Access Journal by MDPI

Impact Factor 3.7 CiteScore 6.9 Indexed in PubMed



mdpi.com/si/141566

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



# **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).

