

The Interplay between Inflammation and Metabolism in Disease

Guest Editor:

Prof. Dr. Elena Planells
Department of Physiology,
University of Granada, 18071
Granada, Spain

Deadline for manuscript
submissions:

31 March 2025

Message from the Guest Editor

Dear Colleagues,

Many metabolic pathways of nutritional biomarkers are altered in pathological situations, whether chronic or acute.

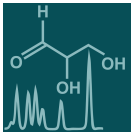
Studying this association may provide a basis for the emergence of inflammatory and metabolic diseases, uncovering new avenues of research in the fields of metabolism, nutrition, and metabolic biomarkers.

During most conditions of stress and inflammation, changes in metabolism occur. Nutrient overload and/or lack of protection against the inflammatory response lead to impaired metabolic health.

This Special Issue aims to explore the relationship between nutritional metabolism and inflammation mediated by oxidative stress during chronic or acute illness.

Prof. Dr. Elena Planells
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, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q2 (*Biochemistry and Molecular Biology*) / CiteScore - Q2 (*Endocrinology, Diabetes and Metabolism*)

Contact Us

Metabolites Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/metabolites
metabolites@mdpi.com
[X@MetabolitesMDPI](https://twitter.com/MetabolitesMDPI)