



an Open Access Journal by MDPI

Impact of Macronutrients on Metabolism

Guest Editor:

Dr. Janine Wirth

School of Agriculture and Food
Science, University College
Dublin, Belfield, Dublin, Ireland

Deadline for manuscript
submissions:

15 November 2024

Message from the Guest Editor

The aim of this Special Issue is to elucidate the role of macronutrient intake, their combinations and interactions in the diet on the pathway to metabolic function and dysfunction. Authors are invited to submit original research or systematic reviews examining one of the following aspects:

- Identification of pathways that explain the association between macronutrient intake and metabolic response/health (common markers of metabolic health, metabolomic approaches, metabolic disease risk)
- Acute or chronic metabolic response after intake of certain macronutrients
- The role of dietary macronutrient combinations and substitutions
- The relevance of macronutrient source and quality
- Recent findings from longitudinal studies or randomized controlled trials and systematic reviews and meta-analyses are highly appreciated and warmly welcomed.



mdpi.com/si/186960

Special Issue



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, 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](https://twitter.com/MetabolitesMDPI)