

Special Issue

Impact of Macronutrients on Metabolism

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.

Guest Editor

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Deadline for manuscript submissions

closed (20 May 2025)



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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

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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).