

# Special Issue

## NMR Metabolomics in Nutrition Research

### Message from the Guest Editor

Nuclear magnetic resonance spectroscopy (NMR) is one of the primary analytical tools used for measuring metabolites, and it offers many unique advantages, including non-destructive sampling, inherently quantitative results, a highly reproducible process, minimal sample preparation, and easy automation properties, making it well-suited for nutrition research. This Special Issue examines the intersection of the two emergent fields of nutritional metabolomics and NMR-based metabolomics. Reviews in this topic area will be considered, as well as original research that uses NMR-based methods to investigate the metabolomic response to diets for precision nutrition and improving health.

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### Guest Editor

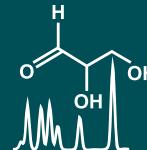
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### Deadline for manuscript submissions

31 July 2026



# Metabolites

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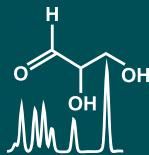


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## About the Journal

### 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.

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### Editor-in-Chief

Dr. Amedeo Lonardo

Internal Medicine, Ospedale Civile di Baggiovara, Azienda Ospedaliero-Universitaria, 41126 Modena, Italy

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.7 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the second half of 2025).

