

Special Issue

Nutritional Metabolomics in Cancer

Message from the Guest Editors

This Special Issue on “Nutritional Metabolomics in Cancer” in the journal *Metabolites* explores the intricate relationship between nutrition and cancer through a metabolomic approach. As our understanding of cancer biology advances, it becomes increasingly evident that diet and nutrition play pivotal roles in cancer development, progression, and therapy. This Special Issue compiles cutting-edge research that utilizes metabolomics to reveal how dietary components influence cancer metabolism, identify metabolic biomarkers for cancer prognosis and treatment response, and elucidate metabolic pathways affected by nutritional interventions. We encourage submissions investigating metabolic alterations induced by specific diets, nutrients, or bioactive food compounds, and their implications in cancer biology. Studies exploring the interaction between nutritional status and cancer treatment efficacy, as well as those identifying metabolic signatures predictive of cancer outcomes, are particularly welcome.

Guest Editors

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Deadline for manuscript submissions

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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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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).