

Special Issue

Nutritional Modulation of Metabolic Pathways in Chronic Diseases

Message from the Guest Editor

Chronic non - communicable diseases, often caused by unhealthy lifestyles, are highly prevalent. Poor nutrition is a key factor, yet solutions remain elusive. These diseases cause three - quarters of global deaths, including in younger people. The high number of cases and limited healthcare resources make early diagnosis crucial. Metabolic profile changes are linked to pathological conditions, driving biomarker discovery and the rise of metabolomics. Modulating metabolic pathways can reduce disease incidence and severity. Nutrition and nutrient optimization are effective due to their low cost, wide availability, and high preventive value. Balanced eating patterns are a successful example. This Special Issue explores nutrition's role in modulating pathophysiology pathways leading to chronic diseases, covering molecular, preclinical, and clinical aspects.

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Deadline for manuscript submissions

25 February 2026



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/246635

Nutrients
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Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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