

Special Issue

Role of Diet and Nutrition in Metabolic Diseases

Message from the Guest Editor

The health burden of metabolic diseases such as obesity, metabolic syndrome, type 2 diabetes, hypertension, and dyslipidemia is increasing worldwide and understanding the molecular mechanisms that food and nutrition exert on the development of these diseases will, undoubtedly, make it possible to plan of preventive and management interventions for the improving of patients' health status. In this regard, the identification of molecular targets and biomarkers for early diagnosis and prevention, as well as new approaches to improving nutritional status, emerge as a public health priority. The aim of this Special Issue is to publish the results of current and up-to-date research that provides a better understanding how diet and nutritional status are related to metabolic diseases.

Original and review manuscripts regarding biomarkers for the early identification of risk and prognosis, about pathophysiological pathways binding diet and disease, new molecular targets, associations of specific nutrients with metabolic diseases, and new therapeutic approaches are all welcome.

Guest Editor

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closed (20 February 2026)



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