

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

Dr. Fernando Guerrero-Romero

Biomedical Research Unit, Mexican Institute of Social Security IMSS, Durango ZC 34067, Mexico

Deadline for manuscript submissions

closed (20 July 2025)



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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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