



Nutritional Regulation of Metabolic Syndrome in Chronic Disease

Guest Editor:

Dr. Jose Atilio Canas

Johns Hopkins All Children's
Hospital, St Petersburg, FL, USA

Deadline for manuscript
submissions:
closed (22 March 2023)

Message from the Guest Editor

Dear Colleagues,

The aim of this Special Issue is to collect new information on the biochemical and molecular mechanism that modulate the effects of specific nutrients on the components of metabolic syndrome (MetS) and chronic disease. MetS is a constellation of abnormalities, generally considered to include abdominal obesity, high blood glucose/impaired glucose tolerance, dyslipidemia, high blood pressure, a pro-inflammatory state and hyperuricemia which together increase the risk for developing type 2 diabetes, CVD, cognitive disorders, age-related macular degeneration and various types of cancers. Therefore, the aim of this Special Issue is to obtain high quality scientific evidence on the effect of specific nutritional strategies focused on the management and preservation of metabolic health, which has become even more of a priority after the COVID-19 pandemic, especially in children and adolescents. Original research articles and reviews focused on the intake, absorption, and metabolism of dietary components useful in the prevention and treatment of the metabolic syndrome and chronic disease are welcomed.





an Open Access Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluís Serra-Majem

1. Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
2. Research Institute of Biomedical and Health Sciences (IUIBS), University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
3. Preventive Medicine Service, Centro Hospitalario Universitario Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las Palmas, Spain

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (Nutrition and Dietetics) / CiteScore - Q1 (Food Science)

Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI