



Epigenetic Biomarkers in Nutrigenomics and Metabolism

Guest Editors:

Dr. Fermín Milagro

1. Center for Nutrition Research,
University of Navarra, 31008
Pamplona, Spain
2. Centro de Investigación
Biomédica en Red de la
Fisiopatología de la Obesidad y
Nutrición (CIBEROBn), Instituto
de Salud Carlos III, 28029 Madrid,
Spain

Dr. Omar Ramos-Lopez

Medicine and Psychology School,
Autonomous University of Baja
California, Tijuana 22390, Mexico

Deadline for manuscript
submissions:
closed (15 February 2024)

Message from the Guest Editors

Dear Colleagues,

It is well known that environment–host–microbe interactions (which include nutritional status) can affect epigenetic mechanisms and shape human metabolism through long-term regulation of gene expression. This is particularly crucial in the first 1000 days of life. Additionally, growing scientific evidence supports that epigenetic signatures may affect nutrient metabolism and, consequently, health status. Accordingly, the onset and progression of metabolic diseases such as obesity, type 2 diabetes, metabolic syndrome, fatty liver disease, and cardiovascular disorders may involve epigenetic mechanisms. In this context, genomic, metagenomic, and nutrigenomic studies are allowing the identification of epigenetic biomarkers for predictive purposes and the design of innovative intervention strategies for disease prevention or monitoring by targeting the epigenome. *Nutrients* welcomes the submission of manuscripts on the topic of “Epigenetic Biomarkers in Nutrigenomics and Metabolism”, which highlight recent advances in the discipline for the prevention, management, and prognosis of metabolic diseases under a precision nutrition scope.





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, St. Alban-Anlage 66
4052 Basel, Switzerland

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

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