



nutrients



an Open Access Journal by MDPI

Nutrition and Gene Interaction

Guest Editor:

Prof. Dr. Marica Bakovic

Department of Human Health
and Nutritional Sciences,
University of Guelph, Guelph, ON,
Canada

Deadline for manuscript
submissions:

closed (15 July 2024)

Message from the Guest Editor

Over the past 15 years, the study of nutrigenomics has established the relationship between genes, nutrition, and disease. This exciting area of research demonstrates that nutrition is not just about preventing deficiencies; it is also a promising target for preventing and treating chronic illness such as diabetes, cancer, and neurodegenerative disorders. By identifying how nutrients modulate cellular signalling pathways, diet can be used as first line of defence against these chronic illnesses. It is critical to continue characterising genes and analysing their expression under different nutritional conditions. This research not only helps inform dietary recommendations at the individual level, but can also guide the development of public dietary guidelines, which could reduce the prevalence of chronic illness in our population.



mdpi.com/si/145726

Special *Issue*



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