

## Special Issue

# Relationship between Obesity-Related Genes, Metabolic Diseases and Dietary Nutrient Intake in Human

### Message from the Guest Editors

The effects of genes on metabolic diseases and their relationship to nutrients can be studied at many levels, e.g., genetic variant analysis, genome modification studies unrelated to changes in the nucleotide sequence, autophagy and epigenetic research on proteins involved in biological processes. Understanding these correlations may influence some metabolic diseases, and the use of appropriate nutritional interventions may modulate the progression or even prevent the disease. Genetic variant analysis has shown that in some carriers with preferential intake of certain nutrients, may negatively affect other beneficial nutrients and make dietary intervention more difficult. Therefore, it is important to understand the mechanisms and interactions between genes, metabolic diseases and nutrients. This Special Issue aims to address this important topic. Researchers are invited to submit original research, protocol developments, methodological studies, narrative or systematic reviews and meta-analyses in relation to this topic.

### Guest Editors

Dr. Sylwia Górczyńska-Kosiorz

1. Department of Internal Medicine, Diabetology and Nephrology, School of Medicine with the Division of Dentistry in Zabrze, Medical University of Silesia in Katowice, 41-800 Zabrze, Poland
2. Laboratory of Cytogenetics and Molecular Genetics, Independent Public Clinical Hospital No. 1 in Zabrze, Medical University of Silesia in Katowice, 41-800 Zabrze, Poland

Dr. Sylwia Dziągiewlewska-Gęsiak

Department of Propaedeutics of Internal Diseases and Emergency Medicine, Medical University of Silesia in Katowice, 41-902 Bytom, Poland

### Deadline for manuscript submissions

closed (25 September 2024)



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*Nutrients*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[nutrients@mdpi.com](mailto:nutrients@mdpi.com)

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## About the Journal

### Message from the Editorial Board

*Nutrients* is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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### 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 (UIBS), 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

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