

## Special Issue

# Food Environment and Its Effects on Human Nutrition and Health

### Message from the Guest Editor

In addition to the proportions of foods we include in our diet, there are other conditioning factors that can affect the effects of these foods on human health. Thus, food contributions of bacteria, viruses, fungi, food additives, residues of chemical substances, or exosomes can have an important effect on human health. Similarly, lifestyle factors, such as the timing of meals, gastronomy, food policies and labeling, or work type, also have a significant effect on human health. At the same time, in the last decade, there has been a great advance in technologies capable of further study and research into these factors on food and human health. These technologies include epigenetics, epigenomics, metagenomics, transcriptomics, and metabolomics. Disciplines such as chrononutrition and precision nutrition have also experienced enormous progress. The aim of this Special Issue is to provide an update on the knowledge of all those environmental factors and disciplines that, although they do not modify the type of food ingested, do play an important role in human nutrition and therefore in the health of people, especially regarding metabolic diseases.

---

### Guest Editor

Dr. Jose M. Miranda

Food Hygiene, Inspection and Control Laboratory, University of Santiago de Compostela, Campus Lugo, University Campus, Lugo, Spain

---

### Deadline for manuscript submissions

closed (5 January 2024)



## Nutrients

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/150626](https://mdpi.com/si/150626)

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

[mdpi.com/journal/  
nutrients](https://mdpi.com/journal/nutrients)





# Nutrients

an Open Access Journal  
by MDPI

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/journal/  
nutrients](https://mdpi.com/journal/nutrients)



## 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.

### 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 (Nutrition and Dietetics)