

## Special Issue

# Diet and Chronic Inflammation: Implication for Disease Prevention, Treatment and Healthy Lifespan

### Message from the Guest Editor

Diet-induced chronic inflammation is emerging as a significant factor that can affect the incidence and progression of many degenerative conditions, including obesity, diabetes, cardiovascular, osteoarticular, neurodegenerative, autoimmune disease conditions, and cancer, to name a few. The lifespan of humans has been increasing in recent decades, but not necessarily a healthy lifespan (healthspan). Nutritional and lifestyle intervention could have the most profound impact on disease prevention and on halting disease progression, modifying pro-inflammatory factors. There is a critically important and timely need to improve our knowledge on how nutrients could impact disease susceptibility and progression, including but not limited to dietary fatty acids, polyphenols, antioxidants, vitamin D, highly refined and high glycemic index food products, and animal-derived food products. A better understanding of the relationships between diet, nutrients, inflammation, and chronic disease risk/progression will allow us to develop improved diets to modulate inflammation, offering a cost-effective, nonpharmacological approach to prevent and treat chronic disease conditions.

### Guest Editor

Prof. Dr. Camillo Ricordi

Diabetes Research Institute and Cell Transplant Program, University of Miami Miller School of Medicine, 1450 NW 10th Avenue, Miami, Florida 33136, USA

### Deadline for manuscript submissions

closed (30 June 2019)



## Nutrients

an Open Access Journal  
by MDPI

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/23208](https://mdpi.com/si/23208)

*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 (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

---

### 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)