

## Special Issue

# Diet and Nutrients in Asthma and Allergic Disorders

### Message from the Guest Editors

The prevalence of asthma and allergic disorders has been increasing dramatically during the last few decades, especially among Western and Westernized societies. One of the many proposed explanations for this trend is the change in dietary habits. Diet and nutrients seem to have a key role in the modulation of the immune system and are considered a modifiable risk factor for asthma and allergic disorders. The numerous nutrients and secondary metabolites of diet can influence various metabolic and immune responses and have a great impact on physiology and immune system homeostasis. A pivotal player in these complex processes is the gut microbiome, as its microbes are responsible for the production of various metabolites that have a key impact on the immune system modulation and activity. Understanding the immunological role of diet and nutrients is crucial in establishing healthy dietary habits to prevent the development of asthma and allergic disorders and may even guide the generation of new therapeutics that target critical molecular pathways.

### Guest Editors

Dr. Kostas N. Priftis

Paediatric Respiratory and Allergy Department, Paediatric Center of Athens, National and Kapodistrian University of Athens, Athens, Greece

Dr. Konstantinos Douros

Pediatric Allergy and Respiratory Unit, 3rd Department of Pediatrics, "Attikon" University Hospital, National and Kapodistrian University of Athens, School of Medicine, Athens, Greece

### Deadline for manuscript submissions

closed (5 February 2023)



## Nutrients

an Open Access Journal  
by MDPI

Impact Factor 5.0  
CiteScore 9.1  
Indexed in PubMed



[mdpi.com/si/95512](https://mdpi.com/si/95512)

*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)