

Special Issue

The Role of Diet in Pulmonary Diseases and Lung Development

Message from the Guest Editors

Inadequate nutritional supply, both pre- and postnatal, can affect cellular and extracellular functions, which are associated with impaired lung growth and development, and eventually may predispose to lung diseases in later life. Moreover, diet-related diseases, such as obesity and type 2 diabetes, are linked to a decline in lung function and an increased risk for chronic lung diseases, including asthma and chronic obstructive pulmonary disease (COPD). There is increasing evidence that single nutrients, e.g., flavonoids or vitamin D, can exert beneficial effects on lung inflammation and disease progression. This underlines the importance of nutrition for lung health and indicates that specific dietary modifications can be useful as important supplementations for respiratory disease management and/or prevention. The aim of this Special Issue is to bring together recent research on the role of diet composition or single nutrients on lung development or respiratory diseases. Original contributions, epidemiological studies, systematic reviews, and meta-analyses are welcome.

Guest Editors

Dr. Julia Schipke

Institute of Functional and Applied Anatomy, Hannover Medical School, Hannover, Germany

Dr. Panagiota Mitrou

Head of Independent Department of Therapeutic Protocols and Patient Registers, Hellenic Ministry of Health, Athens, Greece

Deadline for manuscript submissions

closed (26 October 2022)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/116876

Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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)