Special Issue

Relationship Between Nutrition and Allergy and Immunity in Children

Message from the Guest Editors

The interplay between nutrition, allergy, and immunity in children represents a rapidly evolving research field with major clinical and public health implications. Nutritional factors, starting from maternal diet and early feeding practices, are known to influence immune system maturation, tolerance induction, and susceptibility to allergic diseases. At the same time, allergic conditions may significantly affect nutritional status, growth, and quality of life in pediatric populations.

This Special Issue aims to provide a comprehensive overview of current knowledge on the bidirectional relationship between nutrition and immune-mediated diseases in children. We welcome contributions that explore the role of breastfeeding, complementary feeding, micronutrients, probiotics, and dietary interventions in allergy prevention and management. In addition, studies addressing the immunological mechanisms linking diet and allergic diseases, as well as clinical trials focused on nutritional strategies for pediatric patients with food allergy, asthma, or atopic dermatitis, are encouraged to be submitted to this Special Issue.

Guest Editors

Prof. Dr. Michele Miraglia del Giudice

Dr. Giulio Dinardo

Dr. Cristiana Indolfi

Dr. Angela Klain

Deadline for manuscript submissions

15 April 2026



Nutrients

an Open Access Journal by MDPI

Impact Factor 5.0 CiteScore 9.1 Indexed in PubMed



mdpi.com/si/255530

Nutrients
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
nutrients@mdpi.com

mdpi.com/journal/ nutrients





Nutrients

an Open Access Journal by MDPI

Impact Factor 5.0 CiteScore 9.1 Indexed in PubMed





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. Lluis Serra-Majem

- Centro de Investigación Biomédica en Red Fisiopatología de la Obesidad y la Nutrición (CIBEROBN), Institute of Health Carlos III, 28029 Madrid, Spain
- Research Institute of Biomedical and Health Sciences (IUIBS),
 University of Las Palmas de Gran Canaria, 35001 Las Palmas, Spain
 Preventive Medicine Service, Centro Hospitalario Universitario
 Insular Materno Infantil (CHUIMI), Canarian Health Service, 35016 Las

Prof. Dr. Maria Luz Fernandez

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

Author Benefits

Palmas, Spain

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)