

Special Issue

Precision Nutrition in Pediatric Inflammatory Bowel Disease

Message from the Guest Editors

Young children have the fastest-growing incidence and prevalence of inflammatory bowel disease (IBD) globally. Nutrition is a simple and cost-effective treatment for such pathologies in children, but more research is needed to understand if precise nutrition can improve their quality of life. The concept of Precision Nutrition for IBD is emerging. The National Institute of Health (NIH) has launched a Strategic Plan for Nutrition Research to address IBD. This Special Issue focuses on four main topics: 1. Evaluating anti-inflammatory diets in randomized controlled trials (RCTs); 2. Identifying biomarkers for responders and non-responders; 3. Dietary triggers of relapse; 4) Personalized predictions of dietary responses. Collaboration on these topics could lead to the development of Therapeutic Precision Nutrition for IBD. Understanding the role of Precision Nutrition in pediatric IBD is crucial for children's future health. This Special Issue aims to advance knowledge of this safe and cost-effective therapy.

Guest Editors

Dr. Marco Bertini

Laboratori Baldacci S.p.A., Pisa, Italy

Dr. Roberto Miniero

Magna Graecia University of Catanzaro, Catanzaro, Italy

Dr. Valentina Talarico

Pediatric Unit, "Renato Dulbecco" Institute, Catanzaro, Italy

Deadline for manuscript submissions

25 April 2026



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/256696

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)