

## Special Issue

# Diet, Inflammation, and Chronic Disease: Evolving Roles of the Dietary Inflammatory Index (DII®) in Research and Practice

### Message from the Guest Editors

The Dietary Inflammatory Index (DII®) and its energy-adjusted variant (E-DII®) were designed to quantify the inflammatory potential of diets and are now widely used across cohorts, trials, and mechanistic studies. Emerging evidence from large-scale cohorts, biomarker validation studies, and genome-wide Mendelian randomization demonstrates a strong relationship between DII®/E-DII® scores, inflammatory/oxidative stress biomarkers, multimorbidity, and disease risk. Therefore, this Special Issue aims to advance the scientific understanding of diet–inflammation pathways, the methodological rigor, translational relevance, and to support the development of evidence-based strategies for disease prevention and health promotion. We invite submissions that address the Diet–Inflammation–Disease axis through innovative, multidisciplinary, and globally relevant approaches.

### Guest Editors

Dr. Gordana Kendel Jovanović

Dr. Zala Jenko Pražnikar

Dr. Ana Petelin

Dr. Sandra Pavičić Žeželj

### Deadline for manuscript submissions

25 October 2026



## Nutrients

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*Nutrients*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[nutrients@mdpi.com](mailto:nutrients@mdpi.com)

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### 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.

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### 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 (IUIBS), 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

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