

Special Issue

Featured Papers on Dietary Carbohydrates and Human Health

Message from the Guest Editors

The current Feature Paper Special Issue addresses key emerging topics in carbohydrate research across preclinical, translational, and clinical domains. These include the following:

1. Assessment of dietary carbohydrate quality. Researchers are developing novel metrics to better evaluate carbohydrate quality and its impact on chronic conditions.
2. Health effects of added and free sugars.
3. Fibre and prebiotics, a field under active investigation for its role in gut health and disease prevention, with growing interest in functional carbohydrates that promote beneficial gut microbiota.
4. Carbohydrate-restricted diets and their long-term health effects.
5. Clinical relevance of glycaemic index and glycaemic load remains a topic of debate, with mixed evidence regarding their effectiveness in preventing metabolic diseases. There is also increasing interest in plant-based, low-glycaemic carbohydrate sources and the application of machine learning to enhance dietary surveillance and food composition databases.

High-quality original research manuscripts, as well as systematic reviews and meta-analyses, are welcomed for submission.

Guest Editors

Prof. Dr. Juan Carlos Laguna

Prof. Dr. Nuria Roglans

Prof. Dr. Marta Alegret

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

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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

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