

Special Issue

Nutrients and Cardiometabolic Health in Type 2 Diabetes

Message from the Guest Editor

Nutrition therapy plays a pivotal role in the prevention and management of type 2 diabetes and its macro- and microvascular complications. Energy balance and nutrient quality have a profound impact on the physiological processes that regulate glucose homeostasis, such as insulin secretion and action, and are strong predictors of cardiovascular outcomes.

Beyond meal size and composition, it is now recognized that glucose metabolism and cardiovascular health are also affected by the timing of nutrient consumption within the meal (e.g., food sequence, nutrient preloads) and by the daily distribution of energy and macronutrient intake (e.g., early time-restricted feeding). The purpose of this Special Issue is, therefore, to collect contributions on how nutrients and dietary patterns influence glucose homeostasis and cardiometabolic health in type 2 diabetes and prediabetes. We welcome the submission of all types of manuscripts, including original research articles and up-to-date reviews and meta-analyses.

Guest Editor

Dr. Domenico Tricò

Department of Surgical, Medical, and Molecular Pathology and Critical Care Medicine, University of Pisa, Via Savi, 10, 56126 Pisa, Italy

Deadline for manuscript submissions

closed (18 November 2021)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/51628

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)