



Diet and Disease Development: Mechanisms, Prevention and Treatment

Guest Editors:

Dr. Sonia Saad

Renal Medicine, The University of Sydney, Sydney, Australia

Prof. Dr. Hui Chen

Faculty of Science, University of Technology Sydney, Sydney, Australia

Deadline for manuscript submissions:

closed (22 November 2023)

Message from the Guest Editors

The overall aims of this Special Issue are to describe and stress the importance of diet in disease development and future disease predisposition; understand the mechanism(s) whereby diet can induce disease development and affect future disease risk; examine potential novel therapies; and identify current gaps in the area of research. The reviews included in this issue will i) summarise the current literature (from animal and human studies) supporting the role of diet in disease onset or development; ii) provide critical analysis of the available data; iii) describe the mechanisms involved in disease development or prevention and in the future risk for certain diseases; iv) identify novel treatments using dietary supplements/compounds to limit disease development and progression; v) examine whether the microbiota diversity can be considered a cause or just an effect of certain diseases; and vi) assess whether modulating the microbiota can provide a novel therapy to limit disease development or can complement current drugs to better manage certain diseases.





an Open Access Journal by MDPI

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

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 (Food Science)

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.

Contact Us

Nutrients Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/nutrients
nutrients@mdpi.com
X@Nutrients_MDPI