







an Open Access Journal by MDPI

Nutrigenomics and the Future of Nutrition

Guest Editors:

Prof. Dr. Lynnette Ferguson

Discipline of Nutrition and Dietetics, Faculty of Medical and Health Sciences, The University of Auckland, Private Bag 92019, Auckland 1142, New Zealand

Prof. Dr. Ahmed El-Sohemy

Department of Nutritional Sciences, University of Toronto, Toronto, ON, Canada

Deadline for manuscript submissions:

closed (20 September 2021)

Message from the Guest Editors

Dear Colleagues,

The application of various -omics technologies to studies linking nutrition with human health and performance has enhanced our understanding of the effects of specific nutrients, food bioactives and dietary patterns and helped to explain the basis for individual differences in response. Findings in this area have also helped us to understand individual nutritional requirements and establish specific food bioactives and dietary patterns that improve health and performance.

This Special Issue of Nutrients aims to highlight the latest advances and showcase the current state of the science and latest findings in the field of nutritional genomics (nutrigenetics and nutrigenomics). Submissions may include original research studies that explore gene—diet interactions using various experimental models, clinical trials and population-based approaches. or reviews (systematic reviews and meta-analyses).

Prof. Dr. Lynnette Ferguson

Prof. Ahmed El-Sohemy

Guest Editors

mdpi.com/si/63361

Keywords





Gene-diet interactions

• GWAS

[F]

Biomarkers

Personalized nutrition

Precision nutrition

Nutritional genomics

an Open Access

Journal by MDPI

Editors-in-Chief

Prof. Dr. Lluis 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

Author Benefits

3. Preventive Medicine Service,

Open Access நிருக்கு நிருக்கு நிருக்கு நிருக்கு நிருக்கு நிருக்கு (APC) paid by authors or நிருக்கு நிருக்கு

Figh in Shift Sp. vice 35016 within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Las Palmas, Spain Embase, PubAg, AGRIS, and other databases.

Journal Rank: JCR - Q1 (*Nutrition & Dietetics*) / CiteScore - Q1 (*Nutrition and Dietetics*) **Prof. Dr. Maria Luz Fernandez**

Department of Nutritional Sciences, University of Connecticut, Storrs, CT 06269, USA

Contact Us

Nutrients Editorial Office MDPI, St. Alban-Anlage 66 4052 Basel, Switzerland Tel: +41 61 683 77 34 www.mdpi.com mdpi.com/journal/nutrients nutrients@mdpi.com X@Nutrients_MDPI

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.