

Special Issue

Diet and Adipose Tissue

Message from the Guest Editor

Obesity is the major health crisis of this generation, and is associated with a number of co-morbidities with overlapping pathogeneses. We aim to assemble the latest studies in the emerging field of developmental programming of adipose tissue function. To this end, a multitude of genome-wide association studies have shown that, while obesity is largely heritable, allelic variants can only account for a tiny fraction of this heritability. To what can we owe this so called 'missing heritability'? Emerging evidence has pointed to epigenetic mechanisms that represent heritable genetic information beyond changes to the gene sequence. In recent years the in utero and early postnatal environments have been shown to be particularly susceptible to epigenetic modifications that may be inter- and trans-generational. This Special Issue will therefore contribute to our understanding of how adipose tissue may mediate important effects of diet (including maternal diet during pregnancy) on metabolic health. It is hoped that we will be able to build a clearer picture of the underlying mechanistic basis of obesity-associated metabolic disease.

Guest Editor

Dr. Dyan Sellayah

Department of Biological Sciences, School of Biological Sciences,
University of Reading, Reading, Berkshire RG6 6AH, UK

Deadline for manuscript submissions

closed (20 August 2021)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/46729

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 (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 (Nutrition and Dietetics)