

Special Issue

The Interplay between Maternal Nutrition and Oxidative Stress

Message from the Guest Editor

Molecular markers of oxidative stress of syncytiotrophoblast, namely the ratio between soluble blocking factor sFlt-1 and placental vascular growth factor, are now subject to bedside diagnosis in pregnant patients affected by hypertensive disorders of pregnancy and/or fetal growth restriction.

The present risk is to neglect the biological background of oxidative stress and the preventive strategies that might be considered to promote a healthy pregnancy.

The complex balance between free radicals is a lifelong challenge. The human placenta is a unique organ with a short lifespan, in which this balance is the result of immune, cardiovascular, genetic, and epigenetic interactions that leads to its senescence and a proinflammatory condition at the end of its life a

Guest Editor

Prof. Dr. Ferrazzi Enrico Maria

1. Department of Mother, Child and Neonate, Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico, 20122 Milan MI, Italy
2. Department of Clinical Sciences and Community Health, University of Milan, 20122 Milan MI, Italy

Deadline for manuscript submissions

closed (25 April 2022)



Nutrients

an Open Access Journal
by MDPI

Impact Factor 5.0
CiteScore 9.1
Indexed in PubMed



mdpi.com/si/100309

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)