



Role of Oxidative Stress and Inflammation in Maternal-Perinatal Well-Being-2nd Edition

Guest Editors:

Dr. Miguel Ortega

Dr. Miguel A. Saez

Dr. Miguel Ángel Alvarez de Mon

Prof. Dr. Coral Bravo

Prof. Dr. Julia Bujan

Prof. Dr. Juan Antonio De León-Luís

Prof. Dr. Natalio García-Hondurilla

Prof. Dr. Melchor Álvarez de Mon

Message from the Guest Editors

Maternal–fetal well-being depends on the proper integration and function of many physiological events and tissue structures during and after pregnancy. The human placenta is a tissue structure that can be affected by many situations throughout pregnancy. In this sense, the human placenta’s multiple mechanisms for adapting to all the different situations that affect maternal–fetal well-being are notable. One of the processes that most significantly affects tissue structures is oxidative stress and inflammation. Therefore, the structures involved in maternal–fetal well-being must be studied in order to have a comprehensive view of the repercussions of the different pathologies and events that can modify maternal–fetal well-being.

Deadline for manuscript
submissions:

30 August 2024





an Open Access Journal by MDPI

Editor-in-Chief

**Prof. Dr. Alessandra
Napolitano**

Department of Chemical
Sciences, University of Naples
"Federico II", Via Cintia 4, I-80126
Naples, Italy

Message from the Editor-in-Chief

It has been recognized in medical sciences that in order to prevent adverse effects of "oxidative stress" a balance exists between prooxidants and antioxidants in living systems. Imbalances are found in a variety of diseases and chronic health situations. Our journal *Antioxidants* serves as an authoritative source of information on current topics of research in the area of oxidative stress and antioxidant defense systems. The future is bright for antioxidant research and since 2012, *Antioxidants* has become a key forum for researchers to bring their findings to the forefront.

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](#), [PMC](#), [FSTA](#), [PubAg](#), [CAPlus / SciFinder](#), and [other databases](#).

Journal Rank: JCR - Q1 (*Food Science & Technology*) / CiteScore - Q1 (*Food Science*)

Contact Us

Antioxidants Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/antioxidants
antioxidants@mdpi.com
[X@antioxidants_OA](#)