Special Issue

Redox Homeostasis in Response to Exogenous Stimuli

Message from the Guest Editor

Oxidative stress has been implicated in the development and progression of chronic diseases, including cardiovascular diseases, neurodegenerative diseases, diabetes, and cancer. Exposure to exogenous stimuli such as environmental pollutants, tobacco smoke, alcohol, UV radiation, foods and drugs, ozone, as well as xenobiotics can impair body redox homeostasis and contribute to oxidative stress. Long-term exposure to pro-oxidants has harmful effects on biomolecules and can affect diverse cellular processes and functions. This Special Issue aims to bring together original research and review articles highlighting the impact of exogenous stimuli on redox homeostasis and biological relevance, and on the methodological approaches used to monitor the consequences of exogenous stimuli-induced oxidative stress. We look forward to your contribution.

Guest Editor

Dr. Morana Jaganjac
Laboratory for Oxidative Stress (LabOS), Division of Molecular Medicine, Ruder Boskovic Institute, HR-10000 Zagreb, Croatia

Deadline for manuscript submissions

closed (30 November 2023)

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/si/145842

Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

mdpi.com/journal/antioxidants

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/journal/antioxidants

About the Journal

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.

Editor-in-Chief

Prof. Dr. Alessandra Napolitano
Department of Chemical Sciences, University of Naples "Federico II", Via Cintia 4, I-80126 Naples, Italy

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 (Chemistry, Medicinal) / CiteScore - Q1 (Food Science)

MDPI