antioxidants

IMPACT FACTOR 6.0 | Indexed in: PubMed | CITESCORE 10.6

an Open Access Journal by MDPI

Free Radicals and Cardiovascular Diseases

Guest Editors:

Dr. Anikó Pósa
Department of Physiology, Anatomy and Neuroscience, Interdisciplinary Excellence Centre, Faculty of Science and Informatics, University of Szeged, H-6726 Szeged, Hungary

Dr. Renáta Szabó
Department of Physiology, Anatomy and Neuroscience, University of Szeged, H-6726 Szeged, Hungary

Deadline for manuscript submissions:
closed (30 November 2020)

Message from the Guest Editors

Reactive oxygen species (ROS), including free radicals, play a pivotal role in the pathogenesis and development of cardiovascular diseases (CVDs). Due to the multifactorial influence of oxidative stress in CVD genesis and the numerous interlinked cellular cascades, novel integrative approaches may reveal new insights into the basis, progression, and treatment of CVD pathophysiology.

We invite investigators to contribute research papers, as well as review articles, that develop our understanding of ROS-dependent signaling mechanisms and new therapeutic targets against CVDs. Potential topics include, but are not limited to:

- intracellular signaling cascades and redox-sensitive transcription factors, targeting free radicals and antioxidants, that contribute to our understanding of the mechanisms of CVDs;
- identifying new biological pathways (e.g., the endocannabinoid system) that underlie cardiovascular complications mediated by ROS;
- therapeutic interventions against CVDs, such as pharmacological and genetic antioxidant therapy; and
- exercise-induced alterations in oxidative stress and inflammatory processes related to CVDs.

antioxidants

IMPACT FACTOR 6.0 | Indexed in: PubMed | CITESCORE 10.6

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

Contact Us

Antioxidants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/antioxidants
antioxidants@mdpi.com
𝕏@antioxidants_OA