Special Issue

Oxidative/Nitrosative Stress-Related Mechanisms and Antioxidant Therapy in Cardiovascular Diseases

Message from the Guest Editors

In this issue, we intend to focus on new advances in our knowledge of mechanisms of oxidative stress involved in cardiovascular disease pathogenesis, as well as novel ideas for specific treatments. We thus invite investigators to contribute with original research articles, as well as review articles, that seek to explore the pathological manifestations, molecular mechanisms, and innovative pharmacological strategies aimed at its prevention/management. Articles involving human and/or animal models are welcome. Potential topics include but are not limited to:

- Novel molecules/signaling pathways/mechanisms implicated in oxidative stress associated to cardiovascular disease pathogenesis;
- New therapeutic avenues / development of specific treatments;
- Novel animal models to study oxidative stress in I/R injury;
- Novel biomarkers for early diagnosis and prognosis prediction;
- Metabolomics, analytical, and computational approaches;
- New clinical management strategies in cardiology and cardioncology fields.

Oxidative aspects of diets, exercise adaptation and physical (in)activity will also be favourably considered.

Guest Editors

Prof. Dr. Massimo Collino

Prof. Dr. Manuela Aragno

Prof. Dr. Pasquale Pagliaro

Prof. Dr. Tommaso Angelone

Prof. Dr. Claudia Penna

Deadline for manuscript submissions

closed (30 June 2021)

Antioxidants

an Open Access Journal by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed

mdpi.com/si/41533

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

mdpi.com/journal/antioxidants

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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

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