



an Open Access Journal by MDPI

Redox Regulation of Endogenous Gaseous Signaling in Vascular Disease

Guest Editor:

Dr. Cuk-Seong Kim

Department of Physiology,
School of Medicine, Chungnam
National University, Daejeon,
Korea

Deadline for manuscript
submissions:

closed (10 November 2022)

Message from the Guest Editor

Endogenously produced gaseous signaling molecules are a group of ubiquitous small gaseous signaling molecules, which mainly comprise hydrogen sulfide (H₂S), nitric oxide (NO) and carbon monoxide (CO). After in-depth exploration of these gaseous molecules, over the past 30 years, they have been found to have extremely important beneficial effects in innumerable chronic diseases.

For this Special Issue of 'Antioxidants', we invite you to submit your latest original research findings or a review article which focusses on bringing together the current research concerning the role of endogenous gaseous signaling and their redox regulation in vascular diseases. The original research articles or review articles can include both in vitro and in vivo studies related to the topic. The articles can also highlight about the biological effects, cross-talk among these signaling molecules, and ideas about how these molecules can safely be utilized for therapeutic strategies.



mdpi.com/si/106110

Special Issue



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](https://twitter.com/antioxidants_OA)