

## Special Issue

# Redox Regulation of Endogenous Gaseous Signaling in Vascular Disease

### Message from the Guest Editor

Endogenously produced gaseous signaling molecules are a group of ubiquitous small gaseous signaling molecules, which mainly comprise hydrogen sulfide (H<sub>2</sub>S), 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.

### 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)



## Antioxidants

an Open Access Journal  
by MDPI

Impact Factor 6.6  
CiteScore 12.4  
Indexed in PubMed



[mdpi.com/si/106110](https://mdpi.com/si/106110)

*Antioxidants*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[antioxidants@mdpi.com](mailto:antioxidants@mdpi.com)

[mdpi.com/journal/  
antioxidants](https://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](https://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)