

## Special Issue

# Oxidative Stress in Vascular Disease

### Message from the Guest Editor

Oxidative stress theory remains one of the most well-studied and debated topics, particularly with regard to its role in both the promotion and progression of vascular disease. A large number of studies have demonstrated the deleterious effects of activated levels of oxidative stress in chronic inflammation and vascular disease (both arterial and venous). On the other hand, unbalanced or lowered antioxidant capability has also been a subject of focus, with the aim of reducing the detrimental effects of oxidative stress damage. These studies have also led to increased knowledge and the development of innovative approaches in counteracting active oxidative stress. Furthermore, it is crucial to identify both direct and indirect markers of oxidative stress damage. Thus, evaluating the role of oxidative stress on the dysregulation of redox-sensitive biological pathways in vascular diseases is an area of great interest. This Special Issue will publish both review and research articles pertaining to the role of oxidative stress in different types of vascular disease.

### Guest Editor

Dr. Salvatore Santo Signorelli

1. Department of Clinic and Experimental Medicine, University of Catania (I), Via Santa Sofia, 78, Catania, Italy
2. Director of Internal Medicine Unit, University Hospital "G.Rodolico", Via Santa Sofia, 78, Catania, Italy

### Deadline for manuscript submissions

closed (31 December 2019)



## Antioxidants

an Open Access Journal  
by MDPI

Impact Factor 6.6  
CiteScore 14.7  
Indexed in PubMed



[mdpi.com/si/26574](https://mdpi.com/si/26574)

*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 14.7  
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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Chemistry, Medicinal) / CiteScore - Q1 (Clinical Biochemistry)