

## Special Issue

# Antioxidants in Prevention and Treatment of Diabetes

### Message from the Guest Editors

The global diabetes pandemic continues to represent a burden on healthcare systems due to its associated microvascular complications and increased cardiovascular mortality. Significant results have emerged from cardiovascular outcome trials for newer anti-diabetic agents, which have demonstrated benefits beyond glucose control by reducing vascular events. This effect is being increasingly linked to a reduction in oxidative stress. However, clinical trials of direct antioxidant therapies have yielded conflicting results regarding the prevention of vascular disease, despite showing promise in specific patient sub-groups. A new hypothesis suggests that severe disease in these groups may be connected to dysregulated antioxidant defenses. Consequently, a key future research aim is to achieve the targeted modulation of the body's antioxidant pathways to develop new treatments for diabetic vasculopathy.

---

### Guest Editors

Dr. Karima Zitouni

Institute of Medical and Biomedical Education, St George's University of London, London SW17 0QT, UK

Dr. Kenneth Earle

Institute of Medical and Biomedical Education, St George's University of London, London SW17 0QT, UK

---

### Deadline for manuscript submissions

30 November 2026



## Antioxidants

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.6  
CiteScore 14.7  
Indexed in PubMed



[mdpi.com/si/259107](https://mdpi.com/si/259107)

*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 (Food Science)