

## Special Issue

# NADPH Oxidases (NOXs)

### Message from the Guest Editor

NADPH oxidases (NOXs) represent a group of enzymes with pivotal roles in various physiological and pathological processes. These enzymes play a crucial role in producing reactive oxygen species (ROS), serving as key regulators of redox signaling in diverse cellular contexts. Their involvement in various pathophysiological states, ranging from cardiovascular and pulmonary diseases to renal disorders, neuronal dysfunctions, and cancer, is becoming increasingly evident. This Special Issue is dedicated to exploring the complex landscape of NADPH oxidases (NOX), shedding light on their structure, function, regulation, and involvement in health and disease. As the , we invite you to contribute a paper to this Special Issue. Both research articles and comprehensive reviews will be welcome.

### Guest Editor

Prof. Dr. David W. Stepp

Vascular Biology Center, Medical College of Georgia at Augusta University, 1460 Laney Walker Blvd, CB 3316, Augusta, GA 30909, USA

### Deadline for manuscript submissions

closed (10 November 2025)



## Antioxidants

an Open Access Journal  
by MDPI

Impact Factor 6.6  
CiteScore 12.4  
Indexed in PubMed



[mdpi.com/si/204088](https://mdpi.com/si/204088)

*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)