

# Special Issue

## Glutathione Redox Cycle

### Message from the Guest Editor

The topic of this Special Issue is the Glutathione Redox Cycle.  $\gamma$ -L-glutamyl-L-cysteinyl-glycine, also defined as reduced glutathione (GSH), is involved in cell processes required for the maintenance and regulation of the thiol-redox status, while the oxidized glutathione (GSSG) is formed either by catalytic reaction of glutathione peroxidase or by GSH reactions with electrophilic compounds. We invite you to submit your latest research findings as an article or a review to this Special Issue, which will bring together current research concerning the Glutathione Redox Cycle metabolism and its implication in cellular processes and diseases.

### Guest Editor

Dr. Alessio Bocedi

Associate Professor, Department of Chemical Sciences and Technologies, University of Rome 'Tor Vergata', Via della Ricerca Scientifica 1, 00133 Rome, Italy

### Deadline for manuscript submissions

closed (25 March 2024)



## Antioxidants

an Open Access Journal  
by MDPI

Impact Factor 6.6  
CiteScore 12.4  
Indexed in PubMed



[mdpi.com/si/149210](https://mdpi.com/si/149210)

*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)