

## Special Issue

# Non-Coding RNAs and Reactive Oxygen Species

### Message from the Guest Editor

The cellular transcriptome consists of a diverse array of untranslated RNAs. Non-coding RNAs (ncRNAs) have emerged as crucial regulators in various cellular processes, such as gene regulation, epigenetic modifications, and cellular signaling. Excessive ROS production or impaired ROS detoxification mechanisms can result in oxidative stress, leading to cellular damage and diverse diseases. The objective of this Special Issue is to explore the intricate relationship between ncRNAs and ROS, with a particular focus on the effects of ncRNAs on mitochondrial function, ROS production, and apoptosis in human cells, shedding light on the regulatory roles of ncRNAs in cellular homeostasis and disease pathogenesis.

---

### Guest Editor

Dr. Rosalia Battaglia

Department of Medicine and Surgery, University of Enna "KORE",  
Contrada Santa Panasia, 94100 Enna, Italy.

---

### Deadline for manuscript submissions

closed (30 September 2024)



## Antioxidants

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.6  
CiteScore 12.4  
Indexed in PubMed



[mdpi.com/si/177904](https://mdpi.com/si/177904)

*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, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q1 (Chemistry, Medicinal) / CiteScore - Q1 (Food Science)