

## Special Issue

# Oxidative and Nitrosative Stress Related to Mitochondrial Dysfunction in Traumatic Brain Injury

### Message from the Guest Editors

Traumatic brain injury (TBI) remains one of the leading causes of morbidity and mortality amongst adults in Western countries. In TBI, dysfunctional mitochondria are involved in the generation of oxidative/nitrosative stress, caused by the excess production of reactive oxygen and nitrogen species (ROS and RNS, respectively), as well as in the induction of apoptosis. This Special Issue will publish original research papers and reviews that investigate the implications of mitochondrial dysfunction, oxidative stress, and dysmetabolic conditions after a TBI, as well as in preclinical and clinical studies. We cordially invite scientists involved in base research to submit their original research or review manuscripts to this Special Issue on “Oxidative and Nitrosative Stress Related to Mitochondrial Dysfunction in Traumatic Brain Injury”. Original research reports and reviews will be published online in *Antioxidants*.

---

### Guest Editors

Prof. Dr. Barbara Tavazzi  
Prof. Dr. Giacomo Lazzarino  
Prof. Dr. Angela Maria Amorini

---

### Deadline for manuscript submissions

closed (31 October 2021)



## Antioxidants

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.6  
CiteScore 12.4  
Indexed in PubMed



[mdpi.com/si/38974](https://mdpi.com/si/38974)

*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)