

## Special Issue

# Oxidative Stress-Induced by Environmental and Lifestyle Stressors: Impact on Reproductive Health and Development 3rd Edition

### Message from the Guest Editors

This Special Issue focuses on the latest research related to:

- The role of oxidative stress in the reproductive and developmental toxicity of metals/metalloids, pesticides, mycotoxins, phthalates, bisphenol A, parabens, flame retardants, nanoparticles and microplastics;
- The contribution of smoking, alcohol, drug of abuse, nutrition and obesity to oxidative stress and adverse health effects;
- The adverse effects of circadian rhythm disruption on reproductive health and development;
- The ameliorative/beneficial effects of antioxidants;
- The parameters of oxidative stress/antioxidant defence as potential novel biomarkers of reproductive and developmental health disorders;
- The proteomic and metabolomic signature of oxidative stress;
- The role of oxidative stress in the epigenetic modification of reproductive health and development;
- The impact of oxidative stress induced by early exposure to environmental and lifestyle factors on health disorders in later life.

---

### Guest Editors

Dr. Alica Pizent

Institute for Medical Research and Occupational Health, Ksaverska cesta 2, HR-10000 Zagreb, Croatia

Dr. Eva Tvrdá

The Institute of Biotechnology, Faculty of Biotechnology and Food Sciences, Slovak University of Agriculture in Nitra, Trieda A. Hlinku 2, 949 76 Nitra, Slovakia

---

### Deadline for manuscript submissions

closed (30 September 2024)



## Antioxidants

---

an Open Access Journal  
by MDPI

---

Impact Factor 6.0  
CiteScore 10.6  
Indexed in PubMed



[mdpi.com/si/177784](https://mdpi.com/si/177784)

*Antioxidants*

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 6.0  
CiteScore 10.6  
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)