



an Open Access Journal by MDPI

Oxidative Stress-Related Biomarkers in Toxicology and Risk Assessment

Guest Editors:

Dr. Elisabetta Bigagli

Department of NEUROFARBA,
section of Pharmacology and
Toxicology, University of
Florence, Viale Pieraccini 6, 50139
Florence, Italy

Prof. Dr. Cristina Luceri

Department of NEUROFARBA,
section of Pharmacology and
Toxicology, University of
Florence, Viale Pieraccini 6, 50139
Florence, Italy

Deadline for manuscript
submissions:

closed (15 August 2023)

Message from the Guest Editors

The possibility to analyze circulating oxidative stress-related biomarkers in various body fluids, commonly referred to as “liquid biopsy”, may represent a significant opportunity to personalize patient therapy. The challenge, however, rests in the determination of which biomarker, type of body fluid and detection method would be the most suitable to be applied in the clinical setting, highlighting advantages and limitations.

We welcome submissions of recent research that will improve the knowledge of drug safety, chemical-induced toxicity and food poisoning, focusing on topics including but not limited to the following:

- Biomarker discovery: Preclinical mechanistic investigation on drug-, botanical-, chemical- and food-induced toxicity.
- Evaluation of circulating biomarkers of xenobiotic-induced toxicity, with emphasis on specific groups of vulnerable patients such as pregnant women, children and the elderly.



mdpi.com/si/63014



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Alessandra Napolitano

Department of Chemical
Sciences, University of Naples
"Federico II", Via Cintia 4, I-80126
Naples, Italy

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.

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 (Clinical Biochemistry)

Contact Us

Antioxidants Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/antioxidants
antioxidants@mdpi.com
[X@antioxidants_OA](https://twitter.com/antioxidants_OA)