



## **Oxidative Stress and Inflammation as Targets for Novel Preventive and Therapeutic Approaches in Non Communicable Diseases II**

Guest Editors:

**Prof. Dr. Chiara Nediani**

Department of Experimental and Clinical Biomedical Science  
"Mario Serio", University of Florence, Viale G.B. Morgagni 50, 50134 Firenze, Italy

**Dr. Monica Dinu**

Department of Experimental and Clinical Medicine, University of Florence, Largo Brambilla, 3, 50134 Firenze, Italy

Deadline for manuscript submissions:

**closed (31 July 2021)**

### **Message from the Guest Editors**

Non-communicable diseases (NCDs) are chronic diseases characterized by being of long duration and very slow progression. Inflammation, oxidative stress and dysregulated autophagy are common features in NCDs, and awareness is growing related to specific biomarkers of these features that can detail the pathogenesis and the evolution of the diseases, enable correct diagnosis and open up novel strategies of assessment and intervention. Due to the great interest that this topic has aroused, we propose Special Issue II, with the same aim of providing more insight into recent developments in the field.

Contributions of both reviews of the literature and original research articles are invited from investigators worldwide describing the role of oxidative stress and inflammation, their interplay with autophagy, as well as their modulation through signaling pathways by novel preventive and therapeutic strategies, including drug combination with natural active compounds, in cell culture systems and preclinical animal models.





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 (*Food Science & Technology*) / CiteScore - Q1 (*Food Science*)

## Contact Us

*Antioxidants* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/antioxidants](http://mdpi.com/journal/antioxidants)  
[antioxidants@mdpi.com](mailto:antioxidants@mdpi.com)  
[X@antioxidants\\_OA](#)