



## Modulation of Oxidative Stress and Inflammation in the Cardio-Renal Axis

Guest Editor:

**Dr. Sandra Rayego-Mateos**

Molecular and Cellular Biology in  
Renal and Vascular Pathology,  
IIS-Fundación Jiménez Díaz,  
Universidad Autónoma Madrid  
Faculty of Medicine, Madrid,  
Spain

Deadline for manuscript  
submissions:

**15 November 2024**

### Message from the Guest Editor

We invite you to submit your latest research studies or a review article concerning the signaling pathways implicated in the modulation of inflammatory and redox processes that contribute to the development and progression of the main vascular pathologies that could be affected by kidney injury or vice versa (renal pathologies affecting cardiovascular system), as well as novel therapeutic strategies that could be applied in CRS. We believe that this Special Issue, “Modulation of oxidative stress and inflammation in the cardio-renal axis”, will help to highlight the most recent advances in all aspects of meta-inflammation in the cardio-renal axis.





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](#)