



an Open Access Journal by MDPI

## Oxidative Stress Impact on Protein Synthesis and Protein Degradation Systems in Health and Disease

Guest Editors:

### Dr. Eftekhar Eftekharpour

Department of Physiology and Pathophysiology, Regenerative Medicine Program, Rady Faculty of Health Sciences, University of Manitoba, Winnipeg, MB, Canada

### Dr. Susan Logue

1. Department of Human Anatomy and Cell Science, Rady Faculty of Health Sciences, Max Rady College of Medicine, University of Manitoba, Winnipeg, MB R3E 0J9, Canada  
2. Research Institute in Oncology and Hematology, Cancer Care Manitoba, Winnipeg, MB R3E 0V9, Canada

### Message from the Guest Editors

This Special Issue, comprised of primary research and review articles, will focus on oxidative stress and its interaction with protein synthesis and degradation systems in mammalian systems. Contributions focused on understanding the interplay between oxidative stress, cell stress responses and cell death in cancer, ageing and chronic diseases such as neurodegenerative or diabetes will be especially welcomed. As are those focused on harnessing stress response pathways as therapeutic approaches to limit damage initiated by oxidative stress. Attempts to regulate such systems can be the remedy for improving human life.

Deadline for manuscript submissions:

**closed (15 October 2022)**



[mdpi.com/si/77023](https://mdpi.com/si/77023)

# Special Issue



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 (Food Science)

## Contact Us

---

*Antioxidants* Editorial Office  
MDPI, Grosspeteranlage 5  
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](https://twitter.com/antioxidants_OA)