

## Special Issue

# Redox Regulation of the Innate Immunity and Aging

### Message from the Guest Editor

This Special Issue welcomes original research papers and review articles related to the study of the relationship between immunity and aging and their control by redox-sensitive components. Submissions can be devoted to the following issues:

- \*Identification of changes in the immune system leading to increase in the chronic pro-inflammatory state;
- \*Identification of new redox-sensitive components of the immune signaling pathways;
- \*Identification of factors that lead to chronic inflammation in the aging process;
- \*Defining the mechanisms that govern the inter-relationship between innate immunity and aging;
- \*Epigenetic regulation of the immune pathways and identification of the redox-sensitive epigenetic
- \*modifications involved in the regulation of aging and age-related immune function;
- \*Redox regulation of mucosal immunity;
- \*The role of small molecules/compounds, including low-molecular-weight thiols and biological gases, in
- \*modulating the immune response during aging;
- \*Inflammaging.

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### Guest Editor

Dr. Svetlana N. Radyuk

Department of Biological Sciences, Southern Methodist University,  
Dallas, TX, USA

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### Deadline for manuscript submissions

closed (30 June 2023)



## Antioxidants

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Impact Factor 6.6  
CiteScore 12.4  
Indexed in PubMed



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## 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.

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### Editor-in-Chief

Prof. Dr. Alessandra Napolitano  
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