

Special Issue

New Strategies for the Use of Antioxidants in Neuroprotection and Neurorecovery

Message from the Guest Editors

The ageing process is associated with a loss of neuronal function that leads to neurodegeneration. The main cellular alteration is linked with a decline in mitochondrial function and increased oxidative stress. For this Special Issue, we want researchers to submit original research articles and review articles about the role of neuronal function in age-related physiological states and diseases, as well as about recent findings on the neuroprotective mechanisms that stop neuronal loss and control neurorecovery in the elderly. To help bridge the current knowledge gap, this Special Issue includes, but is not limited to, age-related diseases of the central and peripheral nervous system, chronic inflammatory diseases such as multiple sclerosis, ankylosing spondylitis, amyotrophic lateral sclerosis, rheumatoid arthritis, or frailty, as well as healthy ageing. Submissions may address a broad range of topics, including but not limited to the therapeutic potential of bioactive compounds, physical exercise, nutrition, nutrionomics, metabolomics, epigenetics, personalized nutrition, oxidative stress, antioxidants, autophagy, nanotechnology, neurodegeneration, and neuroregeneration.

Guest Editors

Dr. Ana-Maria Buga

Biochemistry Department, University of Medicine and Pharmacy of Craiova, 200349 Craiova, Romania

Dr. Carmen Nicoleta Oancea

Department of Biochemistry, University of Medicine and Pharmacy from Craiova, 200349 Craiova, Romania

Deadline for manuscript submissions

closed (30 April 2024)



Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



mdpi.com/si/186059

Antioxidants
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
antioxidants@mdpi.com

[mdpi.com/journal/
antioxidants](https://mdpi.com/journal/antioxidants)





Antioxidants

an Open Access Journal
by MDPI

Impact Factor 6.6
CiteScore 12.4
Indexed in PubMed



[mdpi.com/journal/
antioxidants](https://mdpi.com/journal/antioxidants)



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.

Editor-in-Chief

Prof. Dr. Alessandra Napolitano

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

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)