

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, nutriomics, metabolomics, epigenetics, personalized nutrition, oxidative stress, antioxidants, autophagy, nanotechnology, neurodegeneration, and neuroregeneration.

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Deadline for manuscript submissions

closed (30 April 2024)



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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.

Editor-in-Chief

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