

Special Issue

Advances in Nanoantioxidants

Message from the Guest Editor

I am pleased to announce the Special Issue, entitled "Advances in Nanoantioxidants", that aims to present a collection of original papers and reviews examining new knowledge and developments in the field of nanoantioxidants. The oxidative degradation of natural compounds or synthetic materials is associated to free radical oxidation process and the key function of antioxidants is to transform free radicals into harmless products terminating the adverse radical chain reactions. Nanoantioxidants have shown potential applications in different sectors: Nanomedicine as high-performance therapeutic oxidative stress regulators with potential applications in treating and preventing neurodegenerative conditions Material science as stabilizers capable of preventing the autoxidation of organic solvents, or able of protecting the packaged product and extending the shelf life of multilayered plastic material Environmental science for enhancing the growth of different variety of plants Articles and reviews dealing with the above subjects are welcome and will be considered for publication in this special issue.

Guest Editor

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Deadline for manuscript submissions

closed (15 October 2021)



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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

Prof. Dr. Alessandra Napolitano

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