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Recent Trends in Nanoantioxidants

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Message from the Guest Editors

It is well known that certain lifestyle choices and the intake of unhealthy chemicals lead to an overproduction of reactive oxygen species (ROS), which are one of the major causes of several inflammatory acute or chronic diseases and also cancer.

Antioxidant compounds can counteract oxidative damage by scavenging a wide range of reactive oxygen species. However, both natural and synthetic compounds, but especially those of natural origin, are characterized by several stability issues. To overcome these problems, nowadays, research aims to develop the most suitable systems to deliver antioxidant compounds to the organism by improving their properties. Among these, nanotechnology represents the best candidate.

This Special Issue, "Recent Trends in Nano Antioxidants", aims to provide an overview of the recent advances in nano drug delivery compounds with antioxidant properties, including, but not necessarily restricted to, natural molecules.

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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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