

Special Issue

Methodologies for Improving Antioxidant Properties and Absorption

Message from the Guest Editor

The beneficial effects of an antioxidant are determined not only by its radical scavenging capacity, but also by its absorption profile and bioavailability. Various systems have been explored to enhance the absorption and/or bioavailability of natural antioxidants: (a) modifications of the structure of the molecule, to enhance its solubility, activity, or stability; and (b) the use of “delivery” systems (nanocarriers, liposomes, etc.) which facilitate transport to the target. We invite you to submit your latest research findings or a review article to this Special Issue, which will bring together current research regarding the effect of antioxidant structure modifications on antioxidant activity and the results of new carrier systems in enhancing antioxidant transport, cell targeting, and absorption.

Guest Editor

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Deadline for manuscript submissions

closed (30 March 2025)



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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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