

Special Issue

New Techniques for Extraction, Assay, and Imaging of Antioxidants

Message from the Guest Editors

Antioxidant substances have garnered significant attention due to their superior ability to prevent biological components from oxidizing and to protect the body against harmful and carcinogenic reactive oxygen species. Therefore, a simple and rapid method for the assay, evaluation, and even imaging of antioxidant capacity in food samples and biological specimens would be useful to assess the performance of dietary supplements in vitro and in vivo and discover new effective antioxidants in natural foods.

This Special Issue, entitled “New Techniques for Extraction, Assay, and Imaging of Antioxidants”, seeks papers that focus on the development of new extraction, assay, and imaging techniques for antioxidants in food samples and biological specimens. Authors are invited to submit articles focused on new and efficient extraction techniques of antioxidants, simple and rapid antioxidant assays, and efficient and sensitive antioxidant imaging. Papers on the characterization and evaluation of natural antioxidants from different food sources and manuscripts that deal with the synthesis and evaluation of new antioxidants will also be very well received.

Guest Editors

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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.

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