

Special Issue

Berry Antioxidants in Health and Disease—2nd Edition

Message from the Guest Editors

The last two decades have shown an exponential increase in research on the health-promoting benefits of berries and berry bioactive compounds, offering unique insights into their bioavailability, metabolism, their impact on the gut microbiome and in vivo antioxidant and related health benefits. Additionally, a deeper understanding of their molecular mode of action and clinical significance has been documented. Further, consuming diets enriched in berries has been shown in numerous epidemiological, pre-clinical and clinical intervention studies to attenuate the risk of chronic diseases—such as cardiovascular and neurodegenerative diseases, certain cancers, and diabetes mellitus—and to reduce oxidative stress and inflammation and beneficially impact the gut microbiome. This Special Issue will publish both reviews and original research papers on the role of berry-related antioxidant effects in maintaining health or in preventing and/or reversing disease. Additionally, papers on the molecular mechanisms and signaling pathways engaged by berry bioactive compounds and their metabolites will be included.

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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