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Berries in Human Health: Antioxidation, Anti-inflammation and Other Modes of Action

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Message from the Guest Editors

Berries are increasingly recognized as an important source of food bioactive components, specifically, flavonoids and other polyphenolic compounds. The importance of these compounds for health has been the subject of many in vitro, in vivo and clinical research studies looking at the impact on flow-mediated dilation, lipid peroxidation, hypoglycemic response, enzyme inhibition and more recently, cognitive health and the gut-brain axis. Berries contain a range of compounds with antioxidant and/or anti-inflammatory activities which contribute to a host of health-relevant outcomes. The intent of this special issue is to review some of the science that has been conducted in the past 10 years and present new and cutting edge research on modes of action, such as the impact of berry compounds on OxInflammation or effects on inflammasome activation. We look forward to capturing the current state of the science and reviewing some of the new research in this area.



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Special Issue



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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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