



## Dietary Antioxidants in Cancer Chemoprevention

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### Message from the Guest Editor

Chemoprevention is referred to as the use of nontoxic natural compounds, synthetic chemicals or their combinations to intervene in multistage carcinogenesis. Chemoprevention through diet modification, i.e., increased consumption of plant-based food, has emerged as a most promising and realistic approach to reduce the risk of cancer. Identification of most efficacious antioxidants, their dietary sources and understanding of the molecular basis of how these biomolecules contribute to the chemoprevention including protection against DNA damage caused by various carcinogenic factors is important in developing effective cancer chemopreventive strategies.

This Special Issue will publish both reviews and original research papers on the role of dietary antioxidants in cancer chemoprevention. The molecular mechanisms associated with specific antioxidant compounds as cancer prevention agents, as well as anti-cancer therapeutic effects of dietary antioxidants, will also be included.





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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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