

Special Issue

Therapeutic Effects of Plant Based Bioactive Compounds on Cancer

Message from the Guest Editors

Scientific evidence has strongly shown that regular intake of these natural plant bioactive compounds, especially flavonoids and phenolics, helps to reduce the risk of the generation of free radicals, oxidative-stress, and chronic inflammation-mediated pathogenesis of human diseases, such as certain cancers and inflammatory disorders. The significant effects of plant-based bioactive compounds, especially phenolics and flavonoids, are mainly documented in the context of oxidative-stress-related diseases (such as cancer, cardiovascular diseases and neurological diseases).

This Special Issue is dedicated to original research articles which cover the latest findings on the role of plant-based bioactive compounds, especially flavonoids phenolics and related phytochemicals, in the prevention and treatment of cancer, oxidative stress and inflammation. Other plant-based bioactive compounds included should be those whose chemical structures have been revealed chemically.

Guest Editors

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The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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