

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

Prof. Dr. Doo Hwan Kim

Department Horticultural Sciences/Molecular Biotechnology, Konkuk University, Seoul, Korea

Dr. Shivraj Hariram Nile

Department of Bio-Resources and Food Science, Konkuk University, Seoul 143701, Korea

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of Odontostomatologic and Specialized Clinical Sciences,
Sez-Biochimica, Faculty of Medicine, Università Politecnica delle
Marche, Via Ranieri 65, 60100 Ancona, Italy

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