



Therapeutic Effects of Plant Based Bioactive Compounds on Cancer

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

Deadline for manuscript
submissions:

closed (30 April 2022)

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.





an Open Access Journal by MDPI

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

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), PubMed, PMC, MEDLINE, Embase, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Inorganic Chemistry)

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI