



Molecular Mechanisms Underlying Cancer Prevention and Intervention with Bioactive Food Components

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Deadline for manuscript
submissions:
closed (30 June 2022)

Message from the Guest Editor

Dear Colleagues,

Natural dietary bioactive compounds present in fruits, vegetables, spices, whole grains, and herbs have shown enormous potential for cancer prevention and treatment due to their easy availability, relatively low cost, high margin of safety, widespread acceptability, and human consumption. It has been estimated that high dietary consumption of fruits and vegetables (more than 400 g/day) may prevent at least 20% of all cancers.

The purpose of this Special Issue is to capture recent advances on our knowledge regarding the cancer preventive and therapeutic efficacy of putative bioactive food components with an understanding of associated cellular and molecular mechanisms of action. For experimental papers, both in vitro and in vivo results derived from studies using only pure dietary compounds, not extracts, fractions or mixtures of natural origin are necessary. It is expected that a collection of high-quality papers all over the world would accelerate the translational impact of mechanism-based cancer prevention and intervention using multitargeted dietary compounds and help to identify current knowledge gaps and challenges as well as direct future research.





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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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