

Special Issue

Polyphenols and Cancer Prevention

Message from the Guest Editor

Polyphenols are a heterogeneous and abundant naturally occurring compounds. These bioactive molecules, and their metabolites, have been extensively addressed in research by their protective role against chronic diseases including cancer. Such ability of polyphenolic compounds on cancer prevention is attributed to a wide range of activities (including antioxidant capacity, modulation of numerous signaling pathways, or interaction with microbiota) that promote genome stability, strengthen immune system, reduce inflammation, cell senescence, among other responses that positively influence. The topics of this special issue of *Nutrients* include, although not limited to, relevant research of plant polyphenols, as well as their metabolites, food derivatives, and extracts, on modulating (positively/negatively) the effects mediated by any factor that may promote or prevent cancer (environment, lifestyle, genetic predisposition...), including alterations on immune system, tissue microenvironment, and interaction with microbiota. Polyphenols from different origin, other than plants, will also be considered.

Guest Editor

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Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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