



## Polyphenols and Cancer Prevention

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submissions:

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### **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.





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