

## Special Issue

# Roles of Phytochemicals in Cancer Prevention and Therapeutics

### Message from the Guest Editor

Interest in the use of phytochemicals for the prevention and treatment of cancer is growing year by year. Recent studies have demonstrated the impact that this type of molecules can have on mammal cells. On the one hand, it is known that certain phytochemicals at low or moderate concentrations can delay the onset of cancer due to their antioxidant, anti-inflammatory, and even antimicrobial properties. However, when cancer is already established, it is precisely these properties of these compounds that can lead to the appearance of a subpopulation of cancer cells that are more resistant to cell death. On the other hand, higher concentrations of these compounds can cause drastic changes in the physiology of cancer cells, causing a decrease in their growth and proliferation and even causing their death. Therefore, the study of the effects of phytochemicals is of great interest because of the dual effects they may have on both normal cells and cancer cells.

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