



Bioactive Compounds from Grape and Wine

Guest Editor:

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Deadline for manuscript
submissions:

closed (31 December 2019)

Message from the Guest Editor

Dear Colleagues,

Numerous are the aspects to consider when dealing with grape and wine compounds that are capable of modulating some human metabolic processes, resulting in beneficial effects. These compounds are transferred from grape to wine during winemaking and include a heterogeneous class of grape phytochemicals and metabolites derived from microbial transformations, having different chemical structures (they comprise mainly phenolic compounds, but also melatonin, terpenoids, etc.). The final health effect is, therefore, the result of a combination of different factors: the distribution of bioactive compounds in the grape cluster; their concentration in different wine types; their daily intake; their bioavailability and in vivo activity and stability. In addition, numerous agronomical, microbial, and technological practices can affect their concentration in grape and wine.

This Special Issue aims to attract contributions on all aspects of the chemistry and potential health activity of these grape and wine compounds, including the factors having an effect on their concentration in grape and wine and on their bioavailability.

Prof. Dr. Angelita Gambuti
Guest Editor





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Message from the Editor-in-Chief

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