



Dietary Bioactives and Atherosclerotic Cardiovascular Disease

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Message from the Guest Editor

The prevention of cardiovascular diseases (CVDs) is currently one of the greatest medical challenges at a global level. Atherosclerosis is a silent progressive inflammatory disease and is the cause most frequently associated with the manifestation of acute coronary syndromes. In this context, bioactive compounds might have a crucial role both in preventing the development of atherosclerotic diseases and in modulating the clinical outcome. Even if some of these compounds have been widely studied, others are new potential candidates which need to be investigated. Moreover, more research in this field is necessary to better define the possible additional or synergistic benefits and potential greater effectiveness, to search for new biomarkers or more accurate biomarkers, or to define the molecular mechanisms. The purpose of this Special Issue is to collect original research articles and reviews dealing with the health effects of bioactive compounds in the atherosclerotic process, with particular reference to the molecular pathways involved in the cardioprotection to develop new therapeutic approaches for the prevention of atherosclerosis or for the slowing of its progression.





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