



Primary Prevention of Heart Disease with Macronutrients

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Message from the Guest Editor

We invite you to submit a contribution to the special issue “primary prevention of heart disease with macronutrients”. Despite a number of unmodifiable risk factors — such as family history, sex or age – many lifestyle interventions are known to be able to reduce the risk of heart disease. In particular, a growing importance is gained by the diet as a preventive strategy. Thus, which food components or their balance or which specific dietary conditions can influence cardiovascular health, as well as molecular mechanisms under these effects are a hot topic. Indeed, emerging evidence from preclinical and clinical studies indicates that specific macronutrients can affect the onset of cardiovascular diseases by influencing processes related to aging (such as organelle dysfunctions, inflammation, oxidative stress, DNA instability, etc.) as well as promoting or suppressing functions that are repressed with aging (i.e. autophagy).

New findings in research paper, review articles and short communications are welcome. These contributions will be of great importance to fully understand the picture of the interplay between dietary components and heart health.





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