



The Role of Nutrients and Diet Patterns on Circulating Lipid and Lipoprotein Profile

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Message from the Guest Editor

The developed and, increasingly, the developing countries are facing an exponential increase in cardiovascular disease (CVD), whose onset and progression is driven by obesity and its metabolic aberrations. In particular, aberrant lipid metabolism in the context of obesity, the metabolic syndrome and type 2 diabetes leads to an increase in circulating triglycerides, small and dense LDL lipoproteins and a decrease in HDL cholesterol as well as HDL lipoprotein functionality. In this context, unbalanced dietary patterns play a prominent role by fostering body weight gain, disrupting energy metabolism and promoting a pro-atherogenic lipid profile.

In line with this, this Special Issue aims at gathering novel insights into the impact of dietary patterns and nutrients on lipid metabolism, lipoprotein quality and lipoprotein lipidomic profile. As part of this Special Issue, we invite the submission of original manuscripts spanning basic to clinical research, but also meta-analysis, narrative and systematic reviews focusing on the role of diet in lipoprotein metabolism, the circulating lipid profile and their repercussions on CVD.





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