

Special Issue

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

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.

Guest Editor

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About the Journal

Message from the Editorial Board

Nutrients is an on-line open access journal that was first published in 2009. *Nutrients* adheres to rigorous peer-review and editorial processes and publishes only high quality manuscripts that address important issues related to the impacts of nutrients on human health. The Impact Factor of *Nutrients* has risen rapidly since its establishment and it is now ranked in the first quartile of journals publishing in the field of nutrition and dietetics research.

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