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Diet and Atherosclerosis: From Bench to Bedside

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Message from the Guest Editor

Healthy lifestyles and diet correlate positively with lower incidences of coronary artery disease, obesity and diabetes. Endothelial dysfunction is at the core of this pathophysiology, and diet plays a major role in regulating mechanisms intracellular leading to endothelial dysfunction. Such dysfunction can be caused by oxidative stress, endoplasmic reticulum stress, nitrative stress and apoptosis. Understanding these processes will lead to better therapeutics and mitigate the incidence of disease. This Special Issue will focus on how different aspects of diet can instigate endothelial dysfunction via the dysregulation of intracellular mechanisms in blood vessels.



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