



Does Atherosclerosis Begin in Childhood?

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Message from the Guest Editor

The WHO a few years ago warned that the first world population consumed an excess of Omega 6 fatty acids in relation to Omega 3 (50:1 ratio, when at most it should be 5:1). This abnormal ratio leads to a permanent inflammatory condition. This is particularly marked in children due to the eating habits they present. The resulting inflammation leads to mitochondrial dysfunction increasing the production of reactive oxygen species (ROS), and endothelial dysfunction. Therefore, it is not unreasonable to think that the development of atheromatous plaques can already begin in childhood. The consequences of it would be the appearance, in the medium or long term, of cardiovascular diseases: arterial occlusions leading to myocardial infarction, or stroke, or claudication or critical limb ischemia.

In order to clarify whether this hypothesis is correct, this Special Issue will collect manuscripts related to this topic.

