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Role of Oxidized Lipids in Cardiovascular Diseases

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Message from the Guest Editor

Endothelial dysfunction is a key early event in the development of atherosclerosis, leading to increased permeability and a pro-inflammatory state and smooth muscle cell proliferation, which contributes to the thickening of the arterial wall and the formation of atherosclerotic lesions. Vulnerable atherosclerotic plaques, containing a high content of oxidized lipids, are more prone to rupture. Rupture exposes plaque contents to the bloodstream, leading to platelet activation and thrombus formation. Thrombosis can result in the blockage of blood vessels, leading to heart attacks or strokes.

The purpose of this Special Issue is to improve our understanding of the role of oxidized lipids in cardiovascular diseases. Original research articles and reviews are welcome.



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Special Issue



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Message from the Editor-in-Chief

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