



Role of Oxidized Lipids in Cardiovascular Diseases

Guest Editor:

Dr. Mahdi O. Garelnabi

Department of Biomedical and
Nutritional Sciences, Zackerburg
College of Health Sciences,
University of Massachusetts, 3
Solomont Way, Suite 4, Lowell,
MA 01854, USA

Deadline for manuscript
submissions:

closed (31 July 2025)

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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Prof. Dr. Felipe Fregni

1. Neuromodulation Center and
Center for Clinical Research
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Rehabilitation Hospital and
Massachusetts General Hospital,
Harvard Medical School, Boston,
MA 02114, USA
2. Department of Epidemiology,
Harvard T.H. Chan School of
Public Health, Boston, MA 02115,
USA

Message from the Editor-in-Chief

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