# Special Issue

# The Role of Inflammation in Atherosclerosis and Coronary Artery Disease—2nd Edition

## Message from the Guest Editor

Atherosclerosis is the pathological basis of coronary artery disease, ischemic stroke, and peripheral arterial disease. There is a medical need for understanding the pathogenesis of atherosclerosis and find new targets with which to combat the disease.

Inflammation is a key process that drives the initiation, progression, and even rupture of atherosclerotic plaques. Dyslipidemia, hypertension, obesity, and type 2 diabetes have been identified as major risk factors for atherosclerosis. Recent evidence links the above conditions to the activation of pro-inflammatory molecules accelerating atherosclerosis. There is also evidence on the role of genetic factors in the production of pro-inflammatory molecules during atherogenesis. Deciphering the crosstalk between major risk factors and inflammation in atherosclerosis should lead to a better understanding of the pathophysiological mechanisms.

In this Special Issue, we will consider both original and review articles that center on the molecular and genetic aspects of inflammation in atherosclerosis. We look forward to receiving your contributions.

## Guest Editor

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## Deadline for manuscript submissions

closed (28 February 2025)

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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