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The Role of Inflammation in Atherosclerosis and Coronary Artery Disease

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Deadline for manuscript submissions:
closed (30 November 2022)

Message from the Guest Editors

Dear Colleagues,

Atherosclerosis is the pathological basis of coronary artery disease, ischemic stroke, and peripheral arterial disease. Despite optimal treatment with drugs to alleviate hyperlipidemia and hypertension and prevent thrombotic complications, this disease continues to be the leading causes of morbidity and mortality worldwide. Thus, there is a medical need for understanding the pathogenesis of atherosclerosis and finding new targets 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. Deciphering the crosstalk between major risk factors and inflammation in atherosclerosis should lead to a better understanding of the pathophysiological mechanisms and would help identify new targets and develop better therapeutical strategy for treatment.

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



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Special Issue



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Message from the Editorial Board

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