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The Role of Inflammation in Atherosclerosis and Coronary Artery Disease

Guest Editors:

Dr. Weibin Shi

Departments of Radiology &
Medical Imaging and of
Biochemistry & Molecular
Genetics, University of Virginia,
Charlottesville, VA, USA

**Prof. Dr. Voahanginirina
Randriamboavonjy**

HGA - Gesundheitsakademie
Hessen, Hanau, Germany

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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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Editors-in-Chief

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Kalyuzhny**

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

Message from the Editorial Board

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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Cells Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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