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## Molecular and Cellular Basis of Atherosclerosis Development

Guest Editor:

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Deadline for manuscript  
submissions:

**closed (25 June 2024)**

### Message from the Guest Editor

The aim of this Special Issue is to present the most recent progresses of vascular responses to atherosclerosis. Therefore, we are pleased to invite you to submit an article or review focusing on the following topics:

- 1) Microenvironment remodeling of atherosclerotic plaques involving extracellular matrix, inflammation markers, and immune cells;
- 2) Lineage tracing mouse models and smooth muscle cell-specific perturbation of genes in these mouse models to understand their function in atherosclerosis;
- 3) Lineage tracing mouse models and endothelial cell-specific perturbation of genes in these mouse models to understand their function in atherosclerosis;
- 4) Lineage tracing mouse models and immune cell-specific perturbation of genes in these mouse models to understand their function in atherosclerosis;
- 5) Lineage tracing mouse models and adventitial fibroblast-specific perturbation of genes in these mouse models to understand their function in atherosclerosis;
- 6) Genetics risks and corresponding genes revealed by GWAS in coronary artery disease;
- 7) Summary of molecular pathways/mechanisms that were carried into current/ongoing treatments for coronary artery diseases.



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**Special** Issue



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## 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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