

Special Issue

Atherosclerosis and Thrombosis: Molecular and Pathological Research Advance

Message from the Guest Editors

Atherosclerosis and thrombosis continue to be leading contributors to cardiovascular morbidity and mortality worldwide. Recent advances in vascular biology have revealed that endothelial dysfunction, oxidative stress, lipid accumulation, and immune cell activation play central roles in plaque development and rupture. These discoveries have paved the way for translational research efforts aimed at identifying reliable biomarkers and developing targeted therapies. The integration of molecular profiling into patient-derived data enables a more nuanced understanding of individual disease trajectories, paving the way for precision medicine in cardiovascular care. This Special Issue will bring together the latest research studies on the molecular landscape of atherosclerosis and thrombosis, as well as presenting translational advances that go beyond basic discoveries to inform clinical practice, with a focus on improving outcomes in patients at risk for thrombotic events and atherosclerotic disease.

Guest Editors

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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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