Special Issue

Molecular and Epigenetic Regulation of Cardiovascular Function

Message from the Guest Editor

Epigenetic regulation/modification relates to the stable and heritable patterns of gene expression that do not involve changes in the DNA sequence. Growing evidence suggests that the epigenetic regulation of gene expression patterns plays an important role in the developmental programming of cardiovascular disease. However, the cell and molecular epigenetic mechanisms underlying environmental stress-induced cardiovascular disease are still not fully understood. We welcome original research articles, reviews, or shorter "Perspective" related to the "Molecular Epigenetic Regulation of Cardiovascular Function". Suggested potential topics include, but are not limited to: maternal stress and fetal programming of cardiovascular dysfunctional phenotypes in late life; epigenetic regulatory role of DNA methylation, RNA methylation, miRNA regulation, and histone modification in the development of cardiovascular dysfunction; identification of the epigenetic biomarkers contributing to cardiovascular disease.

Guest Editor

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Deadline for manuscript submissions

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About the Journal

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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