Special Issue

Cellular and Molecular Aspects of Tracking Endothelial Function for Clinical Diagnosis, Prognosis and Treatment

Message from the Guest Editors

Biomarkers of endothelial function are used at research level: nitric oxide production, asymmetric dimethylarginine, adhesion molecules expression, endothelin-1, prostaglandin or thromboxane levels, plasminogen activator inhibitor-1, etc. In this Special Issue, we intend to describe the state of the art at this point and try to envision the benefits of endothelial function monitoring and the steps to follow to establish clinically useful biomarkers of this function; we also hope to update the information on potential pharmacological targets for the treatment of endothelium-related diseases. Possible contribution to health care systems of tracking endothelial function. There are possible benefits for cardiovascular and non-cardiovascular diseases (e.g., diabetes mellitus, post-acute coronary syndrome, stroke, etc.). Technical problems to solve for introducing endothelial function biomarkers in clinical routine. Current proposals for endothelial function biomarkers. Possibilities of introducing corrective treatments for endothelial function for the treatment of diseases.

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Deadline for manuscript submissions

closed (25 February 2023)

Cells

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Impact Factor 5.2
CiteScore 10.5
Indexed in PubMed

mdpi.com/si/106712

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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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