

Special Issue

Novel Biomarkers and Promising Therapeutical Approaches in Risk Prediction of Cardiovascular Disease: The Prognostic Significance of Endothelial Dysfunction

Message from the Guest Editor

Endothelial dysfunction underlies the onset and progression of cardiovascular diseases, is closely correlated with the pathophysiology of metabolic disturbances, and lies beneath senescence and aging. While extensive studies and consistent results suggest that changes in endothelial cell function precede, accompany and may potentially predict changes in cardiac development and function, the search for biological markers and instrumental approaches able to evaluate endothelial function is still a great challenge. This Special Issue is dedicated to all original research articles and state-of-the-art reviews, exploring molecular mechanisms underlying a correlation between endothelial dysfunction and cardiovascular complications, as well as investigations testing novel biomarkers and therapeutic targets that can be used for the diagnosis and prognosis of disease helping to broaden our understanding and improving patients treatments.

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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