

Special Issue

Epigenetics and Novel Opportunities for Precision Medicine and Personalized Therapy of Major Cardiovascular Diseases

Message from the Guest Editors

The first goal of this Special Issue is to collect big data generated from epigenome-wide association studies (EWAS) in order to identify novel molecular routes involved in the pathogenesis of major cardiovascular diseases that have the highest potential of being translated into biomarkers for clinical practice. Our second aim is to compile data on natural compounds, which may act as “epidrugs” able to prevent or reverse cardiac damage via remodeling the epigenome, mainly in cardiac and endothelial cells.

Guest Editors

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Deadline for manuscript submissions

closed (30 June 2023)



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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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