

Special Issue

Genetic and Molecular Mechanisms of Cardiometabolic Diseases and Cancers

Message from the Guest Editors

Cardiometabolic diseases (CMDs) and cancers, the two most prevalent non-communicable diseases globally, constitute major concerns worldwide. Recent evidence suggests close co-morbid linkages and shared risk factors between CMDs and cancers, calling for an integrated and systematic interrogation into their intercorrelation. Further research is therefore expected to provide novel insights into the genetic and molecular mechanisms underlying their correlations. Possible perspectives may involve shared genetic factors like genetic pleiotropy. In addition, complex interactions between genes and the environment, as well as their effects on the differentiated co-morbidity risks, require more comprehensive assessment. In this Special Issue, we intend to take CMDs and cancers as examples to elucidate the intricate interconnections among complex diseases, and welcome the submission of original high-quality research and review articles focused on: 1) research on disease comorbidities; 2) genetic pleiotropy and heterogeneity; 3) genetic overlap and causality between CMD and cancers; and 4) indirect genetic effects.

- cardiometabolic disease
- oncology
- genetic pleiotropy

Guest Editors

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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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