

Special Issue

Integrative and Preventive Biomarkers for Cardiometabolic Diseases

Message from the Guest Editors

Cardiometabolic diseases, including cardiovascular disease, type 2 diabetes, and metabolic syndrome, are among the leading causes of morbidity and mortality worldwide. Despite significant advances in diagnostics and treatment, a critical gap remains in translating biomarker discoveries into integrative and preventive healthcare solutions. This Special Issue will highlight cutting-edge research on biomarkers that facilitate early detection, risk assessment, and personalized prevention strategies.

We are inviting submissions that explore novel and established biomarkers, their clinical utility, and their integration into multi-disciplinary healthcare approaches. Topics of interest include, but are not limited to, the following:

1. Biomarkers for early risk prediction and disease progression monitoring;
2. The role of inflammation, oxidative stress, and metabolic dysregulation in cardiometabolic health;
3. Multi-omics approaches to biomarker discovery;
4. AI-driven biomarker identification and precision medicine applications;
5. Integration of biomarkers into pharmacological interventions;
6. Challenges in translating biomarker research into clinical practice.

Guest Editors

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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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