

Special Issue

Advanced Research on Cardiovascular Disease and Its Emerging New Biomarkers

Message from the Guest Editor

A biomarker is defined as “a characteristic that is objectively measured and evaluated as an indicator of normal biological processes, pathogenic processes, or pharmacologic responses to a therapeutic intervention”. Among the most validated biomarkers that are currently in use, inflammation-related markers are prominent. Innovative biomarkers have emerged as relevant contributors in the field of energy homeostasis, and as valid biomarkers of various cardiovascular and metabolic diseases. Among these presumed and specific biomarkers, several members of the TGF- β super-family, GDF15, GDF11, newly emerging cardiokines, miRNAs, and markers discovered via proteomics in relation to oxidative stress are involved in cardiovascular disease. The evaluation of their circulating levels might provide new insights into the course of the disease. Finally, innovative and specific biomarkers can also serve as new diagnostic markers for the detection of cardiovascular disorders to guide prognostication and emerging therapeutics. Authors are invited to submit original articles and review manuscripts addressing the topic of this Special Issue.

Guest Editor

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