

Special Issue

Glucose Metabolism in Cardiovascular Diseases

Message from the Guest Editors

The Special Issue will explore various topics relating to glucose metabolism and its implications for cardiovascular health. These topics include the longstanding issues historically associated with cardiovascular disease risk factors, the relationship between statin medications affecting mitochondrial function and potentially leading to glucose metabolism, and the potential of glucose intolerance to contribute to heart failure. Additionally, the issue will delve into the effects of MRA, beta-blockers, SGLT-2 inhibitors, and ARNI medications on glucose metabolism and cardiovascular outcomes. Lastly, this Special Issue will discuss the integration of IoT technologies for improving the management of cardiovascular health and glucose metabolism, offering insights into innovative approaches for real-time monitoring and personalized interventions. By addressing these topics comprehensively, the Special Issue can provide valuable insights into the complex interplay between glucose metabolism, cardiovascular disease, and therapeutic interventions, thus offering new perspectives and strategies for optimizing patient outcomes.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

The metabolome is the result of the combined effects of genetic and environmental influences on metabolic processes. Metabolomic studies can provide a global view of metabolism and thereby improve our understanding of the underlying biology. Advances in metabolomic technologies have shown utility for elucidating mechanisms which underlie fundamental biological processes including disease pathology. *Metabolites* is proud to be part of the development of metabolomics and we look forward to working with many of you to publish high quality metabolomic studies.

Editor-in-Chief

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