Special Issue

Effects of Exercise on Cardiooncology and Cancer Metabolism

Message from the Guest Editor

Over the last several decades, exercise has been identified as a critical integrative approach for the primary and secondary prevention of solid tumors and heme-based malignancies. Additionally, the literature also supports the use of exercise in the prevention of or recovery from cancer and treatment-associated side effects, namely cardiotoxicities. In this Special Issue, we hope to dive deeper into understanding how exercise augments metabolic pathways associated with cancer onset and progression while also attempting to explain the mechanisms by which exercise protects against cardiotoxicities and promotes recovery. Studies utilizing cell culture, animal models, and clinical trials that cover (but are not limited to) the topics on the metabolic analysis of tumorigenesis and cardiooncology using omics-based approaches, biological pathways analysis, and interactions between other physiological processes and metabolism are needed to address the gaps in our science.

Guest Editor

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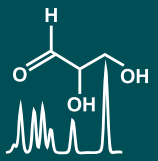

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About the Journal

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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