

Special Issue

Advances in Diagnosis and Pathophysiology of Microvascular Dysfunction

Message from the Guest Editor

Microcirculation is the system that brings oxygen and nutrients to local cells and removes metabolic wastes. The study of the structure, function, and adaptation of the microvascular system has played an essential role in understanding cardiovascular diseases. Recent advances in computational models and imaging technologies have provided new opportunities to investigate microvascular dysfunction.

The objective of this Special Issue is to bring together researchers from various fields to better understand the role of microvascular dysfunction in the development of diseases using advanced computational dynamics, novel imaging technologies, and theoretical models. This Special Issue also welcomes the applications of these novel methods and technologies in various clinical patients for early diagnosis of microvascular dysfunction and better understanding of the role of microvascular dysfunction in progression of various diseases. All topics related to the recent advances in diagnosis and pathophysiology of microvascular dysfunction are welcome.

Guest Editor

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