

Special Issue

Cardiology and Vascular Health: Pathophysiology, Therapeutics and Epidemiology

Message from the Guest Editor

Cardiovascular diseases (CVDs) are among the most critical public health challenges in the modern world. Atherosclerosis is the main pathogenetic process leading to the development of CVDs. In the course of atherosclerosis, coronary heart disease, cerebrovascular disease, and peripheral arterial disease may develop. Diabetes, hypertension, dyslipidemia, obesity, smoking, and low physical activity are among the most important modifiable cardiovascular risk factors. Improving our knowledge regarding CVDs is essential in order to achieve superior patient care. Research in this area should, on the one hand, concern the diagnosis and treatment of overt cardiovascular disease, and on the other hand, focus on the identification of the dysfunction of the cardiovascular system at the subclinical level, which may affect therapeutic management and prevent the development of cardiovascular events. An individual approach to each patient is essential, which is in accordance with the concept of personalized medicine. Genetic testing also plays a key role in this regard.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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