

Special Issue

Health Targeting Cardiovascular and Cerebrovascular Diseases: Molecular Aspects

Message from the Guest Editor

The heart and brain are important organs that control our body through blood circulation. Damage or blockage of medium and large arteries can lead to cardiovascular or cerebrovascular disease by preventing the supply of necessary nutrients and oxygen to the body. Furthermore, the pathological phenomena of atherosclerosis and thromboembolism are often interconnected. This Special Issue focuses on the main mechanisms that cause cardiovascular or cerebrovascular disease and various molecular biological, genetic, and cellular treatment methods that can treat diseases caused by various risk factors. Research topics include cell, gene, and cell-free therapy, including extracellular vesicles that can control cardiovascular and cerebrovascular diseases. In addition, from a regenerative medicine perspective, this issue presents the possibility of studying the interconnectivity between the heart and brain and the brain–heart axis based on hormones, peptides, and RNA that can regulate these diseases.

Guest Editor

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