

Special Issue

Cardiovascular Diseases and Type 2 Diabetes

Message from the Guest Editors

Cardiovascular diseases and type 2 diabetes mellitus are among the most widespread pathologies in our society. These pathologies are associated with increased morbidity and mortality and are responsible for most hospital admissions, and extending the duration of hospitalization for other conditions. The relationship between these two pathologies is bidirectional. On one side, type 2 diabetes mellitus represents an independent risk factor for atherosclerosis, peripheral and coronary artery disease, and systemic hypertension, intervening through multiple pathways in the pathophysiology of cardiovascular diseases. Diabetes mellitus type 2 determines endothelial dysfunction being responsible for the development of new cardiovascular complications or may aggravate pre-existing pathologies. On the other side, the coexistence of cardiovascular diseases represents a challenge for the management of diabetes mellitus, rising the risk for developing other systemic complications. In this Special Issue, we are interested in original research or review articles describing pathophysiological mechanisms, clinical approaches, new diagnostic techniques, or therapeutic options.

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