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New Insights into Hypertension and the Cardiovascular System

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Message from the Guest Editor

Cardiovascular diseases are one of the leading causes of death worldwide. The primary prevention of cardiovascular diseases has become a main goal to promote public health. Hypertension is a risk factor for cardiovascular diseases and is possibly the most powerful, modifiable risk factor for the development of cardiovascular diseases. Early detection and appropriate management are necessary to prevent both heart failure and cardiovascular diseases. Oxidative stress and chronic inflammation have been identified as being potentially responsible for the development of endothelial damage and vascular stiffness, which are two of the primum movens of hypertension and cardiovascular diseases. However, mechanisms, pathogenesis, sympathetic neural activity, risk factors, and differences in race/ethnicity have not been verified in hypertension-related cardiovascular disease. In this Special Issue, we emphasize the importance of the management and treatment of hypertension in the prevention of cardiovascular diseases and welcome all types of manuscripts (original articles and review articles).



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