



Chronic Kidney Disease and Cardiovascular Disease

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Message from the Guest Editors

Chronic kidney disease (CKD) is closely related to cardiovascular disease (CVD), presenting a major risk factor for the development of cardiovascular issues.

One reason for this is the presence of traditional cardiovascular risk factors such as hypertension, diabetes, and dyslipidemia. These risk factors contribute to the development of atherosclerosis.

CKD is also associated with several non-traditional risk factors that increase the risk of CVD. These include inflammation, oxidative stress, endothelial dysfunction, vascular calcification, all of which contribute to the development of atherosclerosis and other cardiovascular issues in patients with CKD.

Management of CKD and CVD involves addressing both traditional and non-traditional risk factors. Treatment of hypertension, diabetes, and dyslipidemia is essential to reduce the risk of CVD in patients with CKD. Lifestyle modifications are also important. In some cases, medications to control non-traditional risk factors may be used to reduce the risk of CVD.

This Special Issue will offer a platform for clinicians and basic researchers to present and discuss novel issues in the association between CKD and CVD.





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