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Endothelial Dysfunction and Cardiovascular Disease in Chronic Kidney Disease and Dialysis: A 2022 Update

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Message from the Guest Editors

Patients with chronic kidney disease (CKD) carry a heavy cardiovascular burden and are prone to development and progression of atherosclerosis. Accounting for more than 11% of the general population, CKD is now considered a major health priority worldwide. Endothelial dysfunction, the hallmark of atherosclerosis, is evident even at early stages of the CKD, progresses along with deterioration of renal function, and is further accelerated in end-stage kidney disease (ESKD), partially by dialysis modalities. Therefore, understanding the molecular mechanisms underlying the onset of endothelial dysfunction and the identification of novel risk markers for cardiovascular disease in these patients is critical. In this Special Issue, we invite researchers to submit original research and review articles that will help to elucidate the interplay between endothelial dysfunction, vascular calcification, and cardiovascular disease in patients with CKD, kidney transplant recipients, and ESKD patients undergoing hemodialysis or peritoneal dialysis.



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Special Issue



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Message from the Editor-in-Chief

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