



New Insights in the Pathogenesis and Treatment of Chronic Kidney Disease and Its Complications

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Message from the Guest Editor

Chronic kidney disease remains a global health challenge generated by a wide variety of causes, and can present either as primitive diseases of the kidneys or have secondary involvement in various systemic diseases. Consequently, the underlying mechanisms of the tisular lesions are very different, making it more difficult to comprehensively understand the pathogenesis of primary nephropathies, an essential step for applying adequate therapeutic strategies to halt or, at least delay, the progression of chronic kidney disease. Recently, a myriad of research has underscored the roles of complement and inflammation in the occurrence of glomerular diseases, and started to decipher the mechanisms of kidney fibrosis during renal pathologies. Both of these research directions are expected to open up new insights into CKD pathogenesis and, hopefully, to provide a rationale for future effective therapeutic interventions.

Therefore, as a continuation of *Biomedicines*’ mission to provide updated information on specific topics, it is my pleasure to invite all interested researchers to share with readers their novel data in the above mentioned fields through this Special Issue.





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Message from the Editor-in-Chief

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