

Special Issue

Cardiorenal Disease: Pathogenesis, Diagnosis, and Treatments

Message from the Guest Editors

Chronic kidney disease and heart failure are among the most prevalent comorbidities worldwide, significantly impacting patients' quality of life and survival. These conditions often coexist, creating a bidirectional and deleterious interplay referred to as cardiorenal syndrome (CRS), where one condition accelerates the development and progression of the other. The diagnosis of CRS is associated with high rates of hospital readmissions, progressive clinical deterioration, and increased morbidity and mortality. This poses significant challenges for healthcare systems due to the high care burden and resource consumption. Despite recent therapeutic advancements, treatment implementation remains suboptimal, largely due to the lack of robust evidence and concerns about iatrogenic complications. This Special Issue aims to advance the management of cardiorenal syndrome by promoting a multidisciplinary approach focused on developing new diagnostic tools to improve characterization and innovative therapeutic strategies to enhance patient outcomes.

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