## Special Issue

## Regulatory Mechanisms in Kidney Development and Function

## Message from the Guest Editor

Development and function of the kidney is governed by conserved regulatory networks combining signaling pathways and transcriptional hierarchies. The molecular mechanisms of nephrogenesis exhibit both speciesspecific and conserved dynamics, with disruptions in many developmental mechanisms directly linked to renal diseases. Recent discoveries, method advancements, translational and pharmaceutical improvements have aided the nephrology community in understanding the mechanisms of kidney development, function, and disease implications. Joint efforts that bridge disciplines have blazed an understanding in cell type-specific expression profiles, gene discovery, and novel biomarkers of health and injury. The culmination of large-scale -omic technologies has created new avenues for research that are still being uncovered. The focus of this Special Issue is to assemble recent developments and cutting-edge research on regulatory mechanisms of kidney development and function for illuminating groundbreaking advancements.

## **Guest Editor**

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#### Deadline for manuscript submissions

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## Message from the Editor-in-Chief

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### **Editor-in-Chief**

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