

Special Issue

Genetic and Epigenetics of Kidney Development: Pathologies of Renal Anomalies and Kidney Diseases

Message from the Guest Editor

Congenital anomalies of the kidney and urinary tract (CAKUT) contribute significantly to renal failure and predispose to the development of kidney disease. Genetic and epigenetic regulations are very important for kidney formation and the development of kidney disease. Thus, there is a critical need to fully understand the molecular mechanisms underlying kidney development and diseases to provide a strong conceptual framework for the development of *therapeutic interventions* to prevent and treat CAJUT and progressive kidney disease. Keywords: genetics; epigenetics; CAKUT; kidney development; kidney diseases

Guest Editor

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Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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