Call for Papers – Nephron

Genetics and Epigenetics of Renal Ciliopathies

Renal ciliopathies are a clinically and genetically heterogeneous group of disorders with widely varying manifestations, from in utero to clinically silent disease until adulthood. The group includes autosomal dominant and recessive polycystic kidney diseases, nephronophthisis, medullary cystic kidney disease, as well as less frequent cilia-related disorders.

The goal of this Call for Papers is to dedicate a special issue to emerging insights on cystic kidney disease phenotypes and the underlying genetic and epigenetic determinants. We will consider original research articles, brief reports, case reports, and review articles focusing on, but not strictly limited to, the following topics:

- Identification of novel and/or complex genetic abnormalities in renal ciliopathies
- Epigenetic mechanisms in the pathogenesis of PKD
- Novel findings exploring the relation between genotype and disease phenotype
- Description of novel ciliopathy syndromes
- Cohort studies describing the impact of genetic background on the response to therapies
- In vitro and in vivo models to validate and characterize candidate ciliopathy genes and to test new therapeutic approaches

For submission or any queries, please contact the special issue editors:

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For further information, please see >Author Guidelines

Submission will be considered until December 1, 2021.