

## Special Issue

# Innate Immunity Nephropathy: Etiology, Diagnosis, and Treatment

### Message from the Guest Editors

Innate immunity is involved in tissue homeostasis, pathological inflammation, fibrosis, acute kidney injury, and chronic kidney disease progression. Innate immune cells, including dendritic cells, macrophages, innate lymphoid cells (ILCs), and natural killer cells, contribute to pathogenesis and protection in various kidney diseases. Circulating and kidney resident cells such as podocytes and tubular epithelial cells are all equipped with pattern recognition receptors (PRRs), which can be activated and contribute to inflammatory response in the local kidney. These findings are corroborated by high-throughput multi-omics studies, highlighting the heterogeneity of immune and non-immune cells implicated in immune related kidney disease. Importantly, these research have led to the discovery of novel pathogenic pathways, and some targeted treatments have shown promising efficacy.

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### Guest Editors

Dr. Xujie Zhou

Dr. Celine Berthier

Dr. Youhua Xu

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### Deadline for manuscript submissions

closed (13 March 2023)



## Journal of Clinical Medicine

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