

Special Issue

Recent Advances in Diagnosis and Treatment of Kidney Diseases: 2nd Edition

Message from the Guest Editor

Chronic kidney disease (CKD) is a global public health problem with a huge economic cost on healthcare systems worldwide. Since the early diagnosis and treatment of CKD may delay or prevent progression to advanced kidney disease, the advent of reliable biomarkers detecting the early stages of kidney diseases, monitoring disease progression and prognostic values, as well as novel therapies for kidney diseases, is required. Over the last decade, a number of advances have been made in the diagnosis and treatment of CKD and its variety of etiologies, including diabetic kidney disease, glomerulonephritis and polycystic kidney diseases. Regarding the treatment of CKD, beneficial effects of sodium-glucose cotransporter 2 (SGLT2) inhibitor on CKD patients have been demonstrated, and other promising drug candidates have been reported. In addition, research for renal replacement therapies of hemodialysis, peritoneal dialysis and renal regeneration is also progressing. This Special Issue aims to improve our knowledge of recent advances in the diagnosis and treatment of kidney diseases, including diabetic kidney disease, glomerulonephritis and polycystic kidney diseases.

Guest Editor

Dr. Kenji Tsuji

Graduate School of Medicine, Dentistry and Pharmaceutical Sciences,
Okayama, Japan

Deadline for manuscript submissions

30 November 2025



Diagnostics

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



mdpi.com/si/196066

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
diagnostics@mdpi.com

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Prof. Dr. Andreas Kjaer
Department of Clinical Physiology, Nuclear Medicine & PET National
University Hospital, Rigshospitalet, University of Copenhagen,
Blegdamsvej 9, DK-2100 Copenhagen, Denmark

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