

Special Issue

Precision Medicine in Kidney Disease

Message from the Guest Editors

Precision medicine is redefining the way that we approach nephrology, moving from general therapeutic strategies to individualised treatment based on genetic, molecular, and clinical profiling. The heterogeneity of kidney disease requires customised interventions that go beyond “one-size-fits-all” models. Over the last two decades, nephrology has seen an increasing integration of biomarkers, pharmacogenomics, and systems biology into clinical practice. This shift reflects the need to optimize outcomes in complex patient populations, particularly those with chronic kidney disease, glomerular disorders, and dialysis-dependent diseases. This Special Issue aims to explore the full potential of precision medicine in nephrology. We look forward to contributions that demonstrate how new technologies, data analysis, and individualized therapeutic targets can improve the diagnosis, risk stratification, and response to treatment of kidney disease. We invite original research articles and reviews that address the implementation, challenges, and future directions of precision medicine in kidney disease—from bench to bedside.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine is one of the few journals that covers the diverse areas involved in the field, including research at basic, translational, and clinical levels. It focuses on “omics”-level studies that seek to define the basis of interindividual variation in susceptibility for a disease, its prognosis or definition of clinical subsets, and response to therapy (pharmacogenomics). We are also interested in systems biology as it relates to interindividual variation, and research on new methodologies, informatics, and biostatistics, in the aforementioned areas.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).