Special Issue

Molecular Mechanisms of Kidney Diseases

Message from the Guest Editors

Both genetic mutations and epigenetic modifications are now understood to play critical roles in inherited and acquired kidney disorders. Variants in genes encoding essential structural or regulatory proteins can increase susceptibility to specific nephropathies, while epigenetic factors can influence how these diseases develop and progress. We invite researchers to contribute original research articles and comprehensive reviews that explore the molecular basis of kidney diseases. Relevant topics may include, but are not limited to, the following:

- Molecular signaling pathways in kidney injury and repair;
- Podocyte biology and glomerular barrier dysfunction;
- Mitochondrial and metabolic dysregulation in renal disease;
- Inflammatory and fibrotic mechanisms;
- Genetic and epigenetic contributors to kidney pathology;
- Novel molecular targets for therapy;
- Omics approaches and systems biology in nephrology.

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine (*JPM*; ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).