Special Issue

Advances in Omics Technologies for Precision Medicine in Kidney Diseases

Message from the Guest Editor

Recent advances in omics technologies, such as genomics, proteomics, metabolomics, and transcriptomics, have significantly enhanced our understanding of kidney diseases at a molecular level. These high-throughput techniques provide a comprehensive view of the biological processes involved in kidney pathophysiology, facilitating the identification of novel biomarkers and therapeutic targets. In precision medicine, omics approaches offer personalized insights into disease mechanisms, enabling tailored treatments that improve patient outcomes. This Special Issue aims to highlight cutting-edge research and emerging technologies in the field of omics and their application to precision medicine for kidney diseases. We welcome contributions that explore innovative methodologies, data integration strategies, and the translation of omics findings into clinical practice, ultimately advancing our ability to diagnose, monitor, and treat kidney disorders with a precision medicine approach.

Guest Editor

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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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