



## Urologic Oncology: Biomarkers and Targeted Therapies

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### Message from the Guest Editor

Urological malignancies, including prostate, urothelial, renal, and testicular cancers, pose significant challenges to patients due to their heterogeneity and variable responses to treatment. While traditional approaches can lead to suboptimal outcomes and unnecessary toxicity, new targeted therapies may represent a paradigm shift, offering personalised strategies tailored to the unique molecular profiles of tumors and patients.

This Special Issue aims to bring together the latest advances in the discovery, validation, and clinical application of prognostic approaches and monitoring biomarkers for uro-oncology targeted therapies. From genomic and proteomic signatures (taking advantage of recent advances in machine learning and artificial intelligence) to circulating tumor cells and imaging biomarkers, each contribution will provide new insights into treatment response prediction, prognosis estimation, and therapy resistance mechanisms.





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## 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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