

Special Issue

Genomic Screening and Management of Cancer in the Context of Precision Medicine

Message from the Guest Editors

The *Journal of Personalized Medicine's* Special Issue "Genomic Screening and Management of Cancer in the Context of Precision Medicine" explores the transformative impact of genomics on oncology. The aim and scope of this Special Issue are to elucidate how genomic technologies can enhance cancer diagnosis, treatment, and management. It covers cutting-edge research on predictive biomarkers, which guide personalized treatment plans by forecasting therapeutic responses and disease progression. Additionally, it emphasizes the integration of multi-omics data (genomics, proteomics, and metabolomics) to provide a comprehensive understanding of tumor biology and heterogeneity. This Special Issue seeks articles that present novel insights into the tumor microenvironment and its role in therapy resistance and cancer progression. It invites research articles, reviews, and short communications that focus on innovative therapeutic strategies targeting the tumor microenvironment, advancements in computational models for patient outcome prediction, and the ethical and technical challenges of genomic screening in clinical practice.

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Deadline for manuscript submissions

closed (28 February 2025)



Journal of Personalized Medicine

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CiteScore 6.0
Indexed in PubMed



mdpi.com/si/209232

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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).