

Special Issue

Novel Applications of Artificial Intelligence in Personalized Medicine

Message from the Guest Editor

This Special Issue aims to explore cutting-edge advancements in the application of AI to personalized medicine, aligning closely with the journal's mission to highlight innovative interdisciplinary research. The focus will be on groundbreaking approaches that integrate AI with healthcare to address critical challenges, from improving diagnostic accuracy to optimizing therapeutic strategies. This issue will provide a platform for researchers and practitioners to share insights and contribute to this rapidly evolving field. **In this Special Issue, original research articles and reviews are welcome.** Research areas may include (but are not limited to) the following:

- AI-driven predictive modeling for personalized treatment;
- Applications of AI in genomics and proteomics;
- Development of AI tools for patient-specific drug discovery;
- Ethical and practical challenges in AI-based healthcare;
- AI in real-world clinical applications for personalized care.

We look forward to receiving your valuable contributions to this exciting Special Issue.

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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Author Benefits

High Visibility:

indexed within Scopus, PubMed, PMC, Embase, and other databases.

Journal Rank:

CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

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).