

Special Issue

Artificial Intelligence Applied to Clinical Practice

Message from the Guest Editors

This Special Issue provides a platform to delve into the scientific background and highlight the importance of AI research in clinical practice. We welcome submissions that address the challenges and opportunities in applying AI to personalized medicine, emphasizing the potential impact on patient care, treatment outcomes, and healthcare delivery. We specifically encourage investigations into transparency, explainability, and fairness of AI models in healthcare decision-making. We encourage contributors to explore topics such as AI-driven predictive modeling in clinical decision-making, AI applications for personalized treatment and drug discovery, and ethical considerations surrounding the trade-offs between accuracy and interpretability. Additionally, we invite submissions that explore the legal perspective of AI decision-making, the responsible deployment of algorithms, and challenges associated with imbalanced datasets and small sample sizes in healthcare.

Guest Editors

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Dr. Stephanie M. Van den Berg

Deadline for manuscript submissions

closed (25 May 2024)



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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.

Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

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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).