

## Special Issue

# AI and Precision Medicine: Innovations and Applications

### Message from the Guest Editors

This Special Issue aims to explore the leading-edge advancements and interdisciplinary applications of artificial intelligence in the fields of precision medicine and personalized medicine, highlighting the potential of AI to transform personalized healthcare. Precision and personalized medicine represent a transformative approach to healthcare. It tailors medical treatment to the individual characteristics of each patient. This approach relies heavily on data from various modalities, including, but not limited to, genetic, genomic, metabolomic, transcriptomic, proteomics, electronic health records, clinical data warehouses, exposomes, environmental exposure, lifestyle, medication histories, and clinical imaging. Artificial intelligence, encompassing machine learning, neural networks, deep learning, fusion models, and generative AI, offers unparalleled tools for analyzing the complex, multimodal datasets intrinsic to precision medicine. We look forward to receiving your contributions to this exciting Special Issue, where AI and precision medicine converge to define the future of personalized healthcare.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 June 2026)



## Journal of Personalized Medicine

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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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### Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

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#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 23 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the first half of 2026).