Special Issue

Application of Artificial Intelligence in Personalized Medicine

Message from the Guest Editor

Artificial Intelligence (AI) has been touted as one of the great new technological forces in medicine, and many consider it to be the foundational technology of personalized medicine. This collection will capture the capabilities and shortcomings of AI in the first quarter of the 21st century.

- How Intelligent is AI?
- AI in Personalized Digital Healthcare
- Application of AI to Patient History-Taking and Performing Physical Examination
- AI in the Development of Personalized Healthcare Products and Therapeutics
- Unorthodox Approaches Using AI in Clinical Trials
- Application of AI to Context- and Affect-Aware Systems in Personalized Medicine
- Personalized versus Personal Healthcare
- Artificial Neural Networks in Medical Diagnosis
- The Application of Fuzzy Logic in Disease Diagnosis and Management
- AI in Radiographic Diagnosis
- AI in Histopathology: A Telemedicine Perspective
- AI in Sensing Devices and Wearables in Personalized Medicine
- The Human Side of AI: Patient–Computer Interactions
- Designing Health Information Technologies for 21st Century 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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CiteScore - Q1 (Medicine (miscellaneous))

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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).

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