

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.

Guest Editors

Prof. Dr. Yves A. Lussier

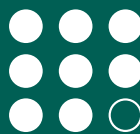
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About the Journal

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).