

Special Issue

Application of Deep and Machine Learning in Personalized Medicine and Individualized Bioinstruments

Message from the Guest Editor

In recent years, the field of healthcare has witnessed remarkable advancements through the convergence of deep learning and machine learning techniques with personalized medicine and the development of individualized bioinstruments. This exciting intersection has paved the way for transformative approaches in diagnostics, treatment selection, monitoring, and patient care. This Special Issue aims to explore the latest research and innovations in the application of deep and machine learning in personalized medicine, while also highlighting the development of individualized bioinstruments for precision healthcare. We welcome contributions that highlight the seamless integration of computational approaches and bioinstrumentation, offering promising solutions to the challenges of personalized healthcare. Researchers from diverse disciplines are invited to submit their original research, review papers, and short communications, exploring a wide range of topics within this domain.

Guest Editor

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Deadline for manuscript submissions

closed (25 April 2025)



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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).