

Special Issue

Pharmacogenetics and Pharmacogenomics in Personalized Medicine

Message from the Guest Editor

Pharmacogenomics has made numerous contributions to understanding the variability and explaining the uncertainty of drug responses, and is recognized as a cornerstone of personalized medicine in the future. The aim and scope of the Special Issue is to discover and present genetic variants, biomarkers, and research tools that can be helpful in understanding drug side effects, drug resistance, and human susceptibility to diseases. Cutting-edge research in pharmacogenomics involves studying “the interaction network” after integrating various information obtained from functional genomics, proteomics, transcriptomics, metabolomics, and medical informatics. Moreover, research is focused on creating a standard guideline that can be personalized and applied to humans. Suitable topics for this Special Issue include: pharmacogenomics with human diseases or drugs, such as cardiovascular diseases; psychiatry diseases; gastrointestinal diseases; cancers; drug addictions; drug sensitivities; drug resistances; and adverse drug reactions. We welcome original research papers, reviews, and updated overviews in pharmacogenetics and pharmacogenomics.

Guest Editor

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Deadline for manuscript submissions

closed (5 August 2023)



Journal of Personalized Medicine

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CiteScore 6.0
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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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Rapid Publication:

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).