

Special Issue

Precision Medicine in Vascular Disease

Message from the Guest Editors

Precision Medicine (PM) has been proposed as a new paradigm that supplements evidence-based medicine rather than being in contrast with it. PM aims to consider the patient as an individual with specific characteristics within a predictive, preventive, personalized and participatory model. PM addresses each patient, who often has comorbidities, with tailored indications, and can offer a valid solution. A patient with vascular disease, very often a comorbid condition, may benefit more than others from PM. Furthermore, PM is based on the observation that patients with apparently the same clinical diagnosis or symptoms often exhibit different responses to the same treatment. An increased understanding of the molecular and genetic mechanism of diseases and novel biomarkers can aid in selecting the patient who best benefits from a treatment. In this Special Issue, we aim to publish a wide range of manuscripts on pathogenesis, diagnosis, genetics, omics and molecular study results, evaluation of biomarkers, predictive factors, potential therapies, indications for medical and surgical treatment in order to apply PM in the management of vascular diseases.

Guest Editors

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Deadline for manuscript submissions

closed (25 May 2025)



Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/si/198577

*Journal of Personalized
Medicine*
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jpm](https://mdpi.com/journal/jpm)





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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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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).