

Special Issue

Arthroplasty and Personalized Medicine: Updates and Challenges

Message from the Guest Editors

This Special Issue aims to delve into the new topic of personalized medicine applied to orthopedic surgery, especially arthroplasty and orthobiology. Personalized, or precision, medicine is an emerging branch of the medicine. Its scope is to provide prevention and treatment strategies based on specific phenotypes and genotypes characteristics. It could be seen as an evolution of medicine, which offers the possibility to offer the most effective and safe treatment for our patients. In particular, research areas will include the following:

- Personalized medicine and orthopedic surgery;
- How personalized medicine can be applied to prosthetic surgery;
- “Custom-made” prosthesis in primary and revision implants;
- How personalized medicine has changed orthopedic surgery in recent years;
- Precision-medicine approach applied to orthobiology and joint replacements;
- Personalized medicine and tissue regeneration in orthopedics and orthoplastic.

Both original research and systematic reviews are welcome.

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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).