

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.

Guest Editors

Dr. Eugenio Jannelli

1. Orthopedics and Traumatology Clinic, IRCCS Policlinico San Matteo Foundation, 27100 Pavia, Italy

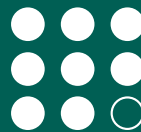
2. Department of Clinical, Surgical, Diagnostic and Pediatric Sciences, University of Pavia, 27100 Pavia, Italy

Dr. Michela Saracco

Department of Orthopaedics, University of Naples “Federico II”, 80131, Naples, Italy

Deadline for manuscript submissions

1 March 2027



Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/si/247977

*Journal of Personalized
Medicine*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jpm@mdpi.com

mdpi.com/journal/

jpm





Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/journal/

jpm



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.

Editor-in-Chief

Prof. Dr. Kenneth P.H. Pritzker

Department of Laboratory Medicine and Pathobiology, Department of Surgery, University of Toronto, 6 Queens Pk Crescent W.F, Toronto, ON M5S 3H2, Canada

Author Benefits

High Visibility:

indexed within Scopus, PubMed, PMC, Embase, and other databases.

Journal Rank:

CiteScore - Q1 (Medicine (miscellaneous))

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 25 days after submission; acceptance to publication is undertaken in 5.8 days (median values for papers published in this journal in the second half of 2025).