

Special Issue

Digital Orthopedics: The Future Developments of Orthopedic Surgery

Message from the Guest Editors

The worldwide prevalence of orthopedic diseases has increased with the aging of the population. Orthopedic diseases have always had a high morbidity and disability rate, and it is necessary to conduct further research on their pathogenesis, diagnosis and treatment methods. Both in conservative as well as operative treatment approaches, patient-tailored therapy regimens are increasingly relevant. Nowadays, digital technologies are relevant for the treatment of orthopedic patients and new technologies, including robotic surgery, computer-aided design, finite element method, medical image processing, and digital twin, offer clinical decision makers a growing variety of options. The goal of digital orthopedics should always be the optimization of diagnosis and therapy and to finally realize the target of personalized medicine. For this Special Issue, we are pleased to invite researchers to contribute with original research articles and reviews which are dedicated to personalized approaches, new technologies in orthopedics, risk factors, and the diagnosis and treatment of post-operative complications.

Dr. Yongtao Lu

Guest Editors

Dr. Zhonghai Li
Prof. Dr. Bin Liu
Dr. Yongtao Lyu

Deadline for manuscript submissions

closed (20 May 2023)



Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 7.2
Indexed in PubMed



mdpi.com/si/149234

*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 7.2
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).