

Special Issue

Knee Injuries: Personalized Diagnosis, Treatment and Management

Message from the Guest Editors

Knee injuries can affect the surrounding bones, cartilage, and ligaments, thereby impacting people's normal activities. Among these, knee osteoarthritis (OA) is a progressive degenerative joint disease characterized by the breakdown of cartilage, subchondral bone remodeling, synovial inflammation, and the formation of osteophytes. It is one of the leading causes of pain, disability, and reduced quality of life. Understanding the pathophysiology of knee OA, the indications for TKA, and the potential complications is essential for selecting patients appropriately, providing preoperative counseling, and managing postoperative outcomes to optimize clinical outcomes. This Special Issue aims to promote the development of diagnosis and treatment models of knee injuries in the era of personalized medicine, promote the transformation from basic research to clinical practice, and ultimately improve the quality of life of patients. We welcome scholars to submit review articles and original research articles related to knee injuries and personalized medicine.

Guest Editors

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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.

Editor-in-Chief

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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).