

Special Issue

Personalized Medicine in Orthopedics and Traumatology: Updates and Challenges

Message from the Guest Editors

There is ongoing discussion about optimizing treatment concepts in lumbar spine surgery and endoprosthetics to address the needs of both elderly patients and highly active individuals. It is increasingly clear that the traditional “one treatment fits all” approach is being replaced by individualized strategies tailored to each patient’s anatomical, functional, and clinical situation. In the field of lumbar spine disorders, personalized surgical planning, implant selection, and rehabilitation protocols are gaining importance to improve outcomes in degenerative conditions, instability, and trauma. Similarly, in endoprosthetics, patient-specific implant positioning, risk-adjusted perioperative management, and individualized rehabilitation are becoming key components of modern treatment strategies. This Special Issue aims to promote research and clinical applications that integrate patient-specific factors into decision-making and treatment workflows in lumbar spine surgery and joint replacement. We welcome scholars to submit review articles and original research articles related to orthopedics and traumatology, and personalized medicine.

Guest Editors

Dr. Jan Reinhard

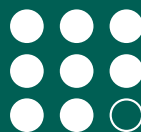
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About the Journal

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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