



## Patient-Specific Implants in Musculoskeletal (Orthopedic) Surgery

Guest Editor:

**Prof. Dr. Maximilian Rudert**

Department of Orthopedics,  
University of Wuerzburg,  
Orthopedic Clinic König-Ludwig  
Haus, Brettreichstr 11, D-97074  
Wuerzburg, Germany

Deadline for manuscript  
submissions:

**closed (25 May 2021)**

### Message from the Guest Editor

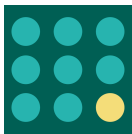
Most of the treatments in medicine are patient specific, aren't they? So why should we bother with individualizing implants if we adapt our therapy to patients anyway?

Looking at the neighboring field of oncologic treatment, you would not question the fact that individualization of tumor therapy with personalized antibodies has led to thriving of this field in terms of success in patient survival and positive responses to alternatives for conventional treatments.

Regarding the latest cutting-edge developments in orthopedic surgery and biotechnology, including new imaging techniques and 3D-printing of bone substitutes as well as implants, we do have an armamentarium available to stimulate the race for innovation in medicine.

This Special Issue of *Journal of Personalized Medicine* will gather all relevant new and developed techniques already in clinical practice. Examples include the developments in revision arthroplasty and tumor (pelvic replacement) surgery to recreate individual defects, individualized implants for primary arthroplasty to establish physiological joint kinematics, and personalized implants in fracture treatment, to name but a few.





an Open Access Journal by MDPI

## 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

## 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.

## Author Benefits

**Open Access:** free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

**High Visibility:** indexed within [Scopus](#), [PubMed](#), [PMC](#), [Embase](#), and [other databases](#).

**Journal Rank:** CiteScore - Q1 (Medicine (miscellaneous))

## Contact Us

---

*Journal of Personalized Medicine*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/jpm](http://mdpi.com/journal/jpm)  
[jpm@mdpi.com](mailto:jpm@mdpi.com)  
[X@JPM\\_MDPI](https://twitter.com/JPM_MDPI)