



## Plastic and Reconstructive Surgery in Personalized Medicine

Guest Editors:

**Prof. Dr. Andreas Arkudas**

Department of Plastic and Hand Surgery, Laboratory for Tissue Engineering and Regenerative Medicine, University Hospital of Erlangen, Friedrich-Alexander University of Erlangen-Nürnberg (FAU), 91054 Erlangen, Germany

**Prof. Dr. Raymund E. Horch**

Director, Laboratory for Tissue Engineering and Regenerative Medicine, Department of Plastic and Hand Surgery, University Hospital of Erlangen, Friedrich-Alexander University Erlangen-Nürnberg (FAU), 91054 Erlangen, Germany

Deadline for manuscript  
submissions:

**closed (15 May 2022)**

### Message from the Guest Editors

Plastic and reconstructive surgery has a broad spectrum of different reconstructive techniques including split skin transplantation and local and free flaps. By means of microsurgery and perforator flaps, every reconstructive issue can be addressed by tailored techniques. Flaps can comprise different tissues and can be designed using new imaging technologies in order to increase the safety of the procedures and to retain the form and function of the reconstructed area in accordance with the donor site morbidity.

This Special Issue of the *Journal of Personalized Medicine* focuses on the following topics:

- Individualized microsurgery;
- Flap imaging;
- Customized perforator flaps;
- Monitoring flap perfusion;
- Tailored tissue engineering for reconstruction;
- Biofabrication applications in personalized plastic and reconstructive surgery.

Please submit your article with your latest achievements in these fields to the journal.





an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. David Alan Rizzieri

1. Novant Health Cancer  
Institute, Winston-Salem, NC  
27103, USA

2. Division of Hematologic  
Malignancies and Cellular  
Therapy, Duke University,  
Durham, NC 27710, USA

## 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, SCIE (Web of Science), PubMed, PMC, Embase, and other databases.

**Journal Rank:** JCR - Q2 (*Medicine, General & Internal*) CiteScore - Q2 (*Medicine (miscellaneous)*)

## Contact Us

*Journal of Personalized Medicine*  
Editorial Office  
MDPI, St. Alban-Anlage 66  
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)