

Special Issue

Minimally Invasive Surgery for Cardiovascular Disease: Updates and Challenges in the Era of Precision Medicine

Message from the Guest Editors

In the era of precision medicine, traditional cardiac surgery is facing shocks and challenges, and the treatment model of the heart is constantly evolving. Minimally invasive cardiac surgery can already be used to treat a variety of heart diseases, including coronary artery disease, heart valve disease, and congenital heart disease, and applications are becoming more versatile. It not only optimizes the surgical effect but also reduces the risk of complications, the length of hospital stay and costs, providing patients with more precise treatment options. This Special Issue hopes to become a bridge between minimally invasive cardiac surgery and precision medicine, aiming to show how minimally invasive surgery can promote the treatment of cardiovascular diseases in the era of personalized medicine and achieve a more precise, safer, and more personalized medical model. We invite authors to submit reviews and original research articles on the latest research results in the field of cardiovascular disease and precision minimally invasive surgery.

Guest Editors

Dr. Carolina Donà

Division of Cardiology, Medical University of Vienna, Waehringer Guertel 18-20, 1090 Vienna, Austria

Dr. Matthias Koschutnik

Division of Cardiology, Medical University of Vienna, Waehringer Guertel 18-20, 1090 Vienna, Austria

Deadline for manuscript submissions

28 February 2027



Journal of Personalized Medicine

an Open Access Journal
by MDPI

CiteScore 6.0
Indexed in PubMed



mdpi.com/si/240323

*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 6.0
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).