

Special Issue

Cardiothoracic Surgery: Challenges and Future Perspectives

Message from the Guest Editor

Cardiothoracic surgery continues to evolve rapidly in response to advances in technology, patient expectations, and multidisciplinary care. This Special Issue aims to highlight the latest advances, current obstacles, and future directions in cardiac and thoracic surgical care.

By fostering collaboration and sharing cutting-edge insights, this Special Issue seeks to support the ongoing evolution of the field and improve patient outcomes on a global scale. We particularly encourage submissions that explore personalized surgical strategies, including the use of advanced imaging, genomics, and predictive modeling, to tailor interventions to individual patient profiles. Advancing precision medicine in cardiothoracic surgery—through risk stratification, biomarker-guided therapies, and patient-specific treatment planning—is key to enhancing long-term outcomes and optimizing care delivery.

We invite researchers and clinicians worldwide to submit original research articles, comprehensive reviews, and case studies that reflect the state of the art and emerging trends in cardiothoracic surgery.

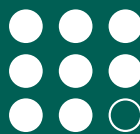
Guest Editor

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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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Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).