

Special Issue

Recent Advances in Cardiovascular Surgery

Message from the Guest Editors

Cardiovascular surgery continues to evolve at a remarkable pace, driven by advances in technology, imaging, and interdisciplinary collaboration. What was once the domain of highly invasive procedures has expanded to include a broad spectrum of innovative, less invasive strategies, reshaping the treatment landscape for coronary artery disease, valvular heart disease, aortic pathology, and heart failure.

This is a period of significant innovation, not only in surgical approaches but also in device development, perioperative care, and long-term management. Advances such as endovascular aortic repair, robotic-assisted procedures, sutureless valve implantation, and mechanical circulatory support systems are redefining what is possible in modern cardiac surgery.

We welcome submissions of original research, clinical studies, and comprehensive reviews that provide new insights into cardiovascular surgery. Topics of interest include, but are not limited to, minimally invasive and transcatheter techniques, novel surgical devices, perioperative optimization strategies, long-term outcomes, and innovations in the treatment of structural heart, aortic, and coronary disease.

Guest Editors

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Deadline for manuscript submissions

25 May 2026



Medicina

an Open Access Journal
Published by MDPI

Impact Factor 2.4
CiteScore 4.1
Indexed in PubMed



mdpi.com/si/254260

Medicina
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