

Special Issue

Recent Progress in Cardiac Surgery

Message from the Guest Editors

Cardiac surgery has witnessed remarkable transformation over the past decades, evolving from conventional open-heart procedures to minimally invasive and robot-assisted techniques. These advances have been driven by technological innovation, improved prosthetic materials, and a deeper understanding of cardiovascular pathophysiology. This Special Issue aims to highlight the forefront of cardiac surgical innovation, showcasing breakthroughs that are reshaping clinical practice and enhancing patient outcomes. We particularly welcome original research and clinical studies presenting novel surgical techniques, robotic and minimally invasive approaches, perioperative management strategies, and advancements in cardiac device engineering. Contributions that integrate clinical expertise, technological innovation, and translational insights are highly encouraged. By bringing together cutting-edge research and practical experience, this issue seeks to serve as a comprehensive resource for surgeons, cardiologists, and researchers dedicated to advancing the field of cardiac surgery and defining its future directions

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