



Challenges and Opportunities in Cardiac Surgery

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Deadline for manuscript
submissions:

closed (21 April 2024)

Message from the Guest Editor

Cardiac surgeons have always been quick problem-solvers and efficient decision-makers. The scientific and technological advancements that have taken place in our field over the past few years highlight these qualities. However, there are significant challenges that we need to overcome. In this Special Issue, entitled "Challenges and Opportunities in Cardiac Surgery", I call for papers regarding all types of clinical research to address unmet clinical needs in cardiac surgery. Original research articles, meta-analyses, and reviews are welcome for this Special Issue. Research areas may include (but are not limited to) the following:

- Redo cardiac surgery;
- Cardiac surgery after endovascular or percutaneous procedures for cardiac valves or aortic diseases;
- Management of prosthetic endocarditis;
- Degeneration of bioprosthetic heart valves and management strategies;
- Complex aortic surgery and cerebral protection;
- Advances in mechanical circulatory support;
- Innovative strategies in cardiopulmonary bypass management and myocardial protection;
- Challenges in the perioperative management of cardiac surgery patients;
- Minimally invasive cardiac surgery.





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