

Special Issue

Heart Transplantation: Surgery Updates and Complications

Message from the Guest Editor

Heart transplantation has undergone remarkable transformations in recent years, revolutionizing outcomes for end-stage heart failure patients. This Special Issue showcases pivotal advances reshaping the field—from cutting-edge organ preservation technologies to AI-driven post-transplant monitoring systems. Emerging evidence reveals how adult cardiovascular diseases often originate from early post-transplant complications, underscoring the critical need for optimized surgical techniques and vigilant long-term care. The Special Issue particularly examines breakthroughs in:

- Novel perfusion systems extending donor organ viability;
- Precision immunosuppression strategies minimizing side effects;
- Advanced surveillance for cardiac allograft vasculopathy.

We seek contributions that illuminate these transformative approaches, with particular interest in studies demonstrating improved survival rates and quality-of-life outcomes. Your pioneering research will help establish new standards in heart transplantation care. We eagerly anticipate your submissions to this Special Issue.

Guest Editor

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