



Translational Perioperative Cardioprotection

Dear Colleagues,

Cardioprotection includes all pharmacological and non-pharmacological approaches that contribute to the preservation of the cardiac function by limiting or preventing myocardial injury. Perioperative cardioprotection in patients undergoing elective non-cardiac and cardiac surgery remains a debated topic. Since rate of major cardiovascular events in worldwide surgical population is an unsolved issue, its prevention in major surgery is still attracting clinicians and researchers. Indeed, decision-support tools lack best evidence to enable tailored interventions in surgical patients without or with minimal to high cardiovascular risk factors. These evidence-based gaps foster insights and innovation in perioperative cardioprotection using multimodal and interdisciplinary approaches from bench to bedside. The Special Issue "Translational Perioperative Cardioprotection" will collect high-quality original research papers and comprehensive reviews on recent advances in cardioprotection in surgical patients. The topic of interests include but are not limited to:

- Myocardial disease
- Arrhythmias
- Animal models
- Cardiovascular Imaging
- Biomarkers
- Epigenetics
- Genetics
- Environmental risk factors
- Clinical decision making and real world outcomes

Prof. Dr. Vincenzo Lionetti

Guest Editor

Guest Editor(s):



Prof. Dr. Vincenzo Lionetti

Vincenzo.Lionetti@santannapisa.it

Institute of Life Sciences, Scuola Superiore Sant'Anna, Pisa, Italy