

Special Issue

Individualized Cardiovascular Implants: Latest Devices, Techniques and Strategies

Message from the Guest Editors

In recent years, cardiac surgery has become more and more of a multidisciplinary specialty. Twenty years ago, who would have thought that cardiac surgeons would specialize in interventional procedures and share the cardiac OR with cardiologists, vascular surgeons, interventional radiologists, and sometimes even biomedical engineers? New technologies and multidisciplinary strategies allow for customized scaffold designs for implants and result in innovative therapies for today's patients. The goal of this Special Issue is to collect original papers, reviews, and case reports on new approaches to manufacturing and testing novel implants in cardiovascular research and resulting innovations in surgical therapy. It is intended to be a collection of content from the laboratory to the bedside: promising results from biomedical research such as new materials, designs, or manufacturing processes of implants, as well as minimally invasive surgical procedures, hybrid approaches, combined multidisciplinary procedures, or new techniques in cardiac surgery.

Guest Editors

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Editor-in-Chief

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