

Special Issue

Recent Advances in Valve Therapy: Clinical and Molecular Perspectives

Message from the Guest Editors

In the past decade, the scientific validation of transcatheter aortic valve implantation (TAVI) has significantly influenced the management of patients with symptomatic aortic stenosis. Alongside TAVI, advancements in other valve intervention techniques are shaping treatment paradigms across a range of structural heart diseases. As new technologies evolve, they bring fresh opportunities and challenges in both clinical and molecular research. This Special Issue aims to address current knowledge gaps and encourage contributions that expand our understanding of the management of structural heart disease, especially regarding advanced valve therapies, including TAVI and emerging alternative procedures. We particularly encourage submissions that cover three major areas of focus: (1) expanded clinical indications, (2) the optimization of outcomes, and (3) molecular mechanisms underlying these therapies. We hope that this Special Issue will provide a platform for advancing knowledge in these dynamic areas, from cutting-edge clinical techniques to the underlying biological processes.

Guest Editors

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Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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