

Special Issue

Biomechanics of Cardiovascular Remodeling

Message from the Guest Editors

This Special Issue focuses on new scientific evidence in cardiovascular remodeling, covering its mechanisms and clinical outcomes. Cardiac remodeling plays a key role in the progression of cardiovascular diseases, and most pharmaceutical therapies aim to modify signaling pathways to influence this process. However, many underlying mechanisms remain unclear. We welcome manuscripts on the biomechanical, biochemical, and biophysical mechanisms driving cardiovascular remodeling, as well as studies on pharmacological and interventional approaches (e.g., PCI, device therapy, structural interventions). Research on predictive models, including AI-based approaches, and cardiac imaging studies illustrating remodeling and its consequences are also encouraged. We invite submissions in this field and ensure a swift and thorough review process.

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