

## Special Issue

# Applications of Cell and Tissue Mechanics in Cardiovascular Regenerative Medicine

### Message from the Guest Editor

Despite several technological advances, the worldwide mortality and morbidity due to cardiovascular diseases continue to occur at a staggering rate. The last 10 years have seen a particular focus and emphasis on regenerative approaches towards restoring cardiovascular function. These include but are not limited to one or more of the following: exosomal biology, stem cells, mechanical conditioning, novel biomaterials, proteomics and genomics. The field of regenerative medicine has the potential to facilitate a major breakthrough in the treatment of cardiovascular diseases. The intent of this Special Issue in the journal *Bioengineering*, entitled “Cell and Tissue Mechanics in Cardiovascular Regenerative Medicine”, is to encourage you and your team to contribute your recent findings on this topic. Kindly refer to the Keywords and Manuscript Submission Information below. I look forward to receiving your submission to this Special Issue of *Bioengineering*.

### Guest Editor

Dr. Sharan Ramaswamy

Department of Biomedical Engineering, Florida International University, Miami, FL 33174, USA

### Deadline for manuscript submissions

closed (31 May 2021)



**Bioengineering**

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*Bioengineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[bioengineering@mdpi.com](mailto:bioengineering@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

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