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## Cardiac Regeneration

Guest Editors:

**Dr. Johannes Holfeld**

CARE lab, University Clinic of  
Cardiac Surgery, Medical  
University of Innsbruck, 6020  
Innsbruck, Austria

**Dr. Can Gollmann-Tepeköylü**

CARE lab, University Clinic of  
Cardiac Surgery, Medical  
University of Innsbruck, 6020  
Innsbruck, Austria

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submissions:

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### Message from the Guest Editors

Cardiac regeneration remains a dream of modern medicine. After decades of intense stem cell research, still no treatment option for the regeneration of the heart exists in clinical routine use. At the same time, heart failure is a classified endemic in the Western world. It is ever increasing, thereby causing a tremendous socio-economic problem for public healthcare systems. We therefore are in urgent need of innovative new approaches towards cardiac regeneration.

This Special Issue on "Cardiac Regeneration" will therefore focus on original research papers and comprehensive reviews, dealing with cutting-edge experimental approaches for myocardial regeneration. Topics of interest for this Special Issue include but are not limited to the following:

1. Cellular transdifferentiation and reprogramming;
2. Extracellular vesicles;
3. Cell-free therapeutic treatment options;
4. New approaches in gene therapy and genomic editing;
5. Bioengineering approaches;
6. Angiogenesis and neovascularization;
7. RNA-based tissue regeneration;
8. Epigenetic regulation.



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# Special Issue



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**Prof. Dr. Anthony Guiseppi-Elie**

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

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*Bioengineering* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

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