

Special Issue

Cell and Gene Therapy for Cardiac Repair

Message from the Guest Editor

Ischemic heart disease (IHD) and end-stage heart failure are major causes of morbidity and mortality. Although treatment for acute myocardial infarction has improved over the past decades, including early reperfusion of occluded coronary arteries, novel therapeutic strategies are required to preserve cardiac function and improve clinical outcomes in patients with IHD. Additionally, new therapies are needed for the increased burden of chronic stages of heart failure. Transplantation of stem/progenitor cells has been considered as an alternative treatment for heart repair in both the acute and chronic phases of the disease. Although several issues have been raised from recent findings that stem cell therapy does not—or not yet in its current form—lead to muscle regeneration, some benefits have been observed. In fact, after the modest successes of the early clinical trials, research is now exploring the benefits of enhanced cell-based therapy and therapies with cell products. This Special Issue will highlight recent advances in the context of cell therapy for cardiovascular disease.

Guest Editor

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There has been an explosion of gene and target based research and therapeutics in the multitude of fields that compose clinical medicine. The *Journal of Clinical Medicine's* (JCM) staff and editorial board are dedicated to providing cutting edge, timely, and peer-reviewed articles covering the diverse subspecialties of clinical medicine. The journal publishes concise, innovative, and exciting research articles as well as clinically significant articles and reviews that are pertinent to the myriad of disciplines within medicine. The articles published are relevant to both primary care physicians and specialists. The journal's full-texts are archived in PubMed Central and indexed in PubMed. Please consider submitting your manuscripts for publication to our journal and check us out on-line!

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