

Special Issue

Review of Cardiac Fibrosis: Recent Advances and Future Directions

Message from the Guest Editor

Fibrosis is a common pathway to organ injury and failure. The existence of cardiac fibrosis is associated with poor prognosis in cardiomyopathy, hypertension, heart failure, and coronary artery disease. Furthermore, cardiac fibrosis can be a platform of lethal and/or incessant arrhythmia. Therefore, regular evaluation and follow-up of cardiac fibrosis are important in symptomatic and even asymptomatic patients. Cardiac fibrosis includes interstitial fibrosis, perivascular fibrosis, and necrotic scar. Each process is determined by the settings of inflammatory cells, cardiomyocytes, endothelial cells, fibroblasts and myofibroblasts, collagen, and the extracellular matrix. We hope to review the present knowledge of cardiac fibrosis in terms of molecular mechanisms, clinical evaluation, and present and future therapy, which can bind basic and clinical researchers together.

Guest Editor

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