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Clinical Advances in Inflammatory Heart Diseases

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Message from the Guest Editor

Inflammatory diseases of the heart encompass pericarditis, myocarditis, and endocarditis. Inflammation of heart is caused either by infectious agents such as viruses. bacteria, fungi, or parasites or non infectious such as systemic autoimmune/inflammatory diseases, drugs, toxins, or vaccines. Myocarditis constitutes a common cause of sudden cardiac death and dilated cardiomyopathy. Complicated cases of endocarditis accompanied by heart failure, valvular damage, and structural destruction (abscess, perforation, fistula formation) should be managed by a dedicated endocarditis team. Cardiac amyloidosis can lead to cardiac dysfunction while intramyocardial inflammation directly correlated with increased mortality. This Special Issue aims to cover the entire spectrum of inflammatory cardiac diseases elucidating underlying pathophysiological and molecular mechanisms, novel biomarkers, therapeutic algorithms, diagnostic techniques, and contemporary treatment targets.



Specialsue





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