

Special Issue

Myocardial Disease: Molecular Pathology and Treatments

Message from the Guest Editor

Heart failure is a serious disease that is increasing worldwide. The diagnosis and treatment of myocardial diseases such as cardiomyopathy and myocarditis, which are among the causative diseases of heart failure, are important. Recent advances in molecular and cellular biological understandings of the causes and pathophysiology of these diseases have led to the development of diagnostic methods and specific treatments.

Treatment methods based on the pathophysiology of hypertrophic cardiomyopathy, Fabry disease, and amyloidosis have been proposed and implemented in practice. Further developments in diagnostic and therapeutic methods in various cardiomyopathies, such as dilated cardiomyopathy and arrhythmogenic right ventricular cardiomyopathy, are expected in the future. In myocarditis and sarcoidosis, the involvement of immunity and cytokines is being elucidated, and further therapeutic advances are expected in the future. The development of tailor-made medicine based on genetic abnormalities and differences in immune and inflammatory mechanisms is awaited.

This Special Issue welcomes original research and reviews of the literature concerning this important topic.

Guest Editor

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