

## 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.

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### Guest Editor

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## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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