



Cardiomyopathy at the Sub-Cellular Level

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

This Special Issue of *JCDD* is focused on “Cardiomyopathy at the Sub-Cellular Level”, encompassing the molecular mechanisms of pathological remodeling within cardiomyocytes that lead to mechanical and electrical perturbation of the heart. Cellular regulatory hubs that have received substantial historical attention include altered gene expression at the transcriptional level and posttranslational modification of proteins. More recently, processes previously thought of as ‘constitutive’ such as post-transcriptional regulation at the point of protein translation and trafficking of de novo proteins within cardiomyocytes have been uncovered as highly dynamic and subject to pathological changes in diseased hearts. As our understanding grows, a clearer picture of the ‘healthy’ versus ‘diseased’ cardiomyocyte is emerging which, while complex, is unveiling new avenues for therapeutic intervention.

Dr. James Smyth

Guest Editor





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Message from the Editor-in-Chief

The primary goal of the *Journal of Cardiovascular Development and Disease* (JCDD, ISSN 2308-3425) is to provide cardiovascular scientists a platform to publish their work in a quick and efficient way. Topics can range from studies designed to decipher the events underlying early heart development to studies focusing on the origins of congenital and acquired heart disease. Papers submitted to JCDD undergo a fast, yet thorough, peer-review process. In this process, we will apply strict ethical policies and standards. JCDD guarantees fast dissemination of results to a large scientific audience

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