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Genetic Diagnostics in Inherited Cardiomyopathies

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Message from the Guest Editors

The clinical diagnosis of cardiomyopathies is mainly based on cardiac imaging, either using echocardiography or cardiac magnetic resonance imaging. These imaging examinations are typically utilized for patients with a clinical suspicion of a cardiac disease. To recognize family members who might develop a similar cardiomyopathy is sometimes difficult with clinical examination only. Once clinical diagnosis of the index patient has been established, genetic testing may reveal the disease-causing genetic variant. With this it is possible to screen family members for this particular variant. Those individuals who carry the variant can be referred to follow-up, potential treatment, and lifestyle modifications, whereas those not carrying the variant can be relieved from the need of follow-up and various restrictions. Clinical genetic testing has rapidly become a powerful diagnostic tool among others in cardiology. This Special Issue is focused on the use of genetic testing and genetic background analysis of the most prevalent cardiomyopathy subtypes.

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Message from the Editor-in-Chief

Cardiogenetics is an essential resource for general physicians, cardiologists, and geneticists. Exome sequencing, noncoding DNA, bioinfomatics, micro-RNA, long-noncoding DNA and epigenetics have entered our daily vocabulary, highlighting the importance of forming a "cardiogenetics team" working side by side, bringing the lab to the patients' bed, and vice versa. A strong Editorial Board of active clinicians and scientists will support this new experience. *Cardiogenetics* publishes high-quality original research papers, review articles, short reports, news and views, with the aim of connecting the scientific (bench) to the clinical (bedside) world. Since 2011, the journal has been increasingly successful. Please help us to overcome this challenge.

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