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Genetics of Inherited Arrhythmogenic Syndromes Associated with Sudden Death

Guest Editor:

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Message from the Guest Editor

Use of high-throughput genetic tools for massively parallel sequencing has revolutionized genetic diagnostic of inherited arrhythmogenic syndromes. The identification of deleterious alterations in families affected by an inherited disease associated with sudden cardiac death is crucial for diagnosis of clinically affected but also for the early identification of relatives carrying the genetic alteration and, therefore, at risk for lethal arrhythmia. One of the main current challenges is data analysis and its genotype–phenotype interpretation in order to perform a useful clinical translation. Original studies as well as reviews and case reports will help to unravel genetic basis, improving clinical diagnosis, genetic counselling, and adoption of preventive therapeutic measures in inherited arrhythmogenic syndromes associated with sudden cardiac death.

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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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