Special Issue

Contemporary and Future Approaches to Inherited Cardiomyopathies

Message from the Guest Editors

Inherited cardiomyopathies are predominantly caused by variants in genes encoding sarcomeric, cytoskeletal, desmosome, nuclear envelope, enzymes or other proteins (such as transthyretin). While next-generation sequencing has vastly improved our ability to detect these variants, translating genetic insights into meaningful clinical outcomes remains challenging due to incomplete penetrance and environmental factors. This issue of Cardiogenetics focuses on the evolving understanding of the genetic, immunologic, and therapeutic dimensions of inherited cardiomyopathies.

This issue emphasizes the need for an integrated perspective that considers the genetic substrate, the phenotypic spectrum, and immune mechanisms when designing therapeutic strategies. By aligning precision diagnostics with immune-aware, gene-based therapies, the field moves closer to delivering transformative, individualized treatments for inherited cardiomyopathies.

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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.

Editor-in-Chief

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