



Gene Therapy in Cardiovascular Genetics

Guest Editors:

Dr. Matteo Vatta

Department of Medical and
Molecular Genetics, Indiana
University School of Medicine,
Indianapolis, IN 46202, USA

Dr. Valeria Novelli

Centro Cardiologico Monzino,
Milan, Italy

Deadline for manuscript
submissions:

30 April 2025

Message from the Guest Editors

Genetic research in the cardiovascular field has come a long way and has brought critical knowledge about the molecular basis and mechanisms of diseases such as cardiomyopathy arrhythmias and skeletal myopathies/dystrophies with cardiac involvement. This wealth of information has led to the development of novel therapeutic interventions, which are tailored for specific molecular changes, such as variants in the LMNA, MYBPC3, TTN, and GLA genes, among others (<https://www.clinicaltrials.gov/search?cond=Cardiomyopathy&intr=gene%20therapy>), thus making specific genetic information both a diagnostic tool and a pre-requisite to enter ongoing clinical trials or be the recipient of approved gene therapy. In this issue, we will explore how genetic information has shaped the current clinical landscape, modifying patient management and leading to more customized interventions such as gene and targeted drug therapies.





an Open Access Journal by MDPI

Editor-in-Chief

Dr. Giuseppe Limongelli

Department of Translational
Medical Sciences, Inherited and
Rare Heart Disease, Vanvitelli
Cardiology, University of
Campania Luigi Vanvitelli, 80131
Naples, Italy

Message from the Editor-in-Chief

Cardiogenetics is an essential resource for general physicians, cardiologists, and geneticists. Exome sequencing, noncoding DNA, bioinformatics, 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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [ESCI \(Web of Science\)](#), [Embase](#), and [other databases](#).

Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 43.2 days after submission; acceptance to publication is undertaken in 5.9 days (median values for papers published in this journal in the first half of 2024).

Contact Us

Cardiogenetics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/cardiogenetics
cardiogenetics@mdpi.com
[X@CardiogenMDPI](#)