

## Special Issue

# Genomics and Genetics of Cardiovascular Diseases

### Message from the Guest Editor

Recent efforts to organize diverse large-scale populations linking genetic sequencing to longitudinal clinical data through biobanks and other large cohort studies have begun to shed light on these challenges in -omics research and the implementation of precision medicine for cardiovascular diseases. Paired with novel animal and cell culture models, these types of advances in genomics and bioinformatics have the potential to further our understanding of the genetic bases of cardiovascular diseases, nominate novel therapeutic targets for intervention, and provide data-driven guidance for the implementation of precision medicine. In summary, the aim of this Special Issue titled “Genomics and Genetics of Cardiovascular Diseases” is to present state-of-the-art review articles summarizing recent trends within the scientific community, as well as to publish original articles providing novel insights into the genetic and/or genomic aspects of cardiovascular diseases. Especially, studies with a focus on translational research and those based on large-scale studies linking genetic sequencing to clinical data are highly welcome.

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### Guest Editor

Dr. Joseph Park  
Department of Internal Medicine, Weill Cornell Medicine, New York, NY, USA

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### Deadline for manuscript submissions

closed (5 February 2025)

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## Genes

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### Message from the Editor-in-Chief

*Genes* is central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fast-moving field. There is a need for good quality, open access journals in this area, and the *Genes* team aims to provide expert manuscript handling, serious peer review, and rapid publication across the whole discipline of genetics. Starting in 2010, the journal is now well established and recognised. Why not consider *Genes* for your next genetics paper?

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### Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan  
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