

Special Issue

Genetics and Genomics of Coronary Artery Disease

Message from the Guest Editor

The recent past has witnessed the role of next-generation sequencing technologies expand to dissecting genomic data in order to identify potential novel therapeutic targets and early diagnostic markers in the field of coronary artery disease (CAD). Apart from establishing findings in predominantly European cohorts, new studies have come up discovering novel markers in non-European cohorts as well. This would not have been possible without technological advancement, improved statistical methods, and stratification of the samples based on ethnicity. Since there is a paradigm shift from single gene-based approaches to polygenic contributions in understanding the etiology of CAD, the role of advanced statistical and machine-learning methods will be indispensable in delineating this complex trait. This Issue calls for novel research works in CAD using genetic, genomic, and/or multi-omics approaches in combination with phenotypic data coming from electronic health records for their potential role in functional genomics, mechanistic insights, and translational potential.

Guest Editor

Dr. Kumardeep Chaudhary

Icahn School of Medicine at Mount Sinai, New York, NY 10029, USA

Deadline for manuscript submissions

closed (31 March 2021)

G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



mdpi.com/si/59308

Genes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
genes@mdpi.com

mdpi.com/journal/

genes



G C A T
T A C G
G C A T

Genes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed



[mdpi.com/journal/
genes](https://mdpi.com/journal/genes)



About the Journal

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?

Editor-in-Chief

Prof. Dr. Selvarangan Ponnazhagan
Department of Pathology, The University of Alabama at Birmingham,
1825 University Blvd, SHEL 814, Birmingham, AL 35294-2182, USA

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, Embase, PubAg, and other databases.

Journal Rank:

JCR - Q2 (Genetics and Heredity) / CiteScore - Q2 (Genetics (clinical))