Special Issue

Genetic and Molecular Basis of Inherited Diseases

Message from the Guest Editor

Our field of medical genetics has been revolutionized in the past few decades, and has become a field in which clinical, genomics and functional studies routinely merge. There is a fruitful outcome, which is prominent in rare human genetic disorders. NGS analyses, including exome and whole genome data, frequently lead to the discovery of novel diseases. The establishment of cohorts of patients with rare disorders allows the delineation of their natural history and the development of clinical trials. This activity constantly leads to understanding the mechanisms of various genetic disorders, resulting in the development of new treatments. The publication of new updated findings might contribute significantly to the scientific medical world, providing insights into the evolving picture of the genetic basis of inherited diseases. Authors are invited to contribute their own productive research to this Special Issue of *Genes*, dedicated to the "Genetic and Molecular Basis of Inherited Diseases".

Guest Editor

Prof. Dr. Stavit Allon Shalev

Rappaport Faculty of Medicine, Technion—Israel Institute of Technology, Haifa, Israel

Deadline for manuscript submissions

closed (20 July 2022)

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed

mdpi.com/si/104602

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

mdpi.com/journal/genes

MDPI

GCAT
TACG
GCAT

Genes

an Open Access Journal by MDPI

Impact Factor 2.8
CiteScore 5.5
Indexed in PubMed

mdpi.com/journal/genes

MDPI

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))