genes

an Open Access Journal by MDPI

IMPACT FACTOR 2.8

Indexed in: PubMed

CITESCORE 5.2

Advances in Clinical Cytogenetics

Guest Editor:

Prof. Dr. Jingwei Yu
Department of Laboratory Medicine, University of California, San Francisco, CA, USA

Deadline for manuscript submissions:
closed (5 August 2023)

Message from the Guest Editor

Dear Colleagues,

Clinical cytogenetics is a medical specialty that studies human pathogenic chromosomal abnormalities. It started in the 1950s when the correct number of chromosomes in human somatic cells was identified, and the chromosomal cause of the first identified cytogenetic disorder, Down syndrome, was detected.

Owing to the development of technologies, this specialty has not only become a key component of diagnosis for genetic and genomic disorders, but has also shed light on the fundamentals of clinical genetics and genomics. Hundreds of laboratories around the world now perform millions of clinical cytogenetic tests every year, providing critical information for the diagnosis, prognosis, treatment and management of individuals who may suffer from genetic and genomic disorders.

This Special Issue is dedicated to providing perspectives on current developments in clinical cytogenetics, including but not limited to new technologies, new approaches for clinical diagnosis and applications, and new cytogenetic discoveries. Contributions by experts in the field in the form of original research articles, reviews and short communications are invited.

GCAT TACG GCAT genes

IMPACT FACTOR 2.8 | Indexed in: PubMed | CITESCORE 5.2

an Open Access Journal by MDPI

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

Message from the Editor-in-Chief

Genes are central to our understanding of biology, and modern advances such as genomics and genome editing have maintained genetics as a vibrant, diverse and fastmoving 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?

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)*)

Contact Us

Genes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/genes
genes@mdpi.com
𝕏@Genes_MDPI