



genes



an Open Access Journal by MDPI

Genomic Diagnosis of Human Cancer

Guest Editor:

Dr. Yonggang Zhou

Department of Pathology &
Laboratory Medicine, University
of California, Los Angeles, CA
90095, USA

Deadline for manuscript
submissions:

closed (20 April 2024)

Message from the Guest Editor

Genomic diagnosis of human cancer represents a revolutionary approach to understanding the genetic underpinnings of cancer at a molecular level. It involves the comprehensive analysis of an individual's genetic information, specifically their DNA, to uncover the genetic mutation and alterations that may drive the development and progression of cancer. This diagnostic approach has significantly advanced our understanding of cancer, leading to more precise and personalized treatments, as well as the potential for early detection and prevention.

Key aspects of the genomic diagnosis of human cancer include genetic profiling, identification of driver mutation, personalized treatment strategies, prognostic insights, therapeutic resistance, early detection and prevention, research and drug development, and ethical and privacy considerations.

Overall, genomic diagnosis has revolutionized our approach to cancer by providing a deeper understanding of the molecular mechanisms that drive the disease. It has paved the way for more personalized and effective cancer treatment, giving hope to patient and researchers alike in the ongoing battle against cancer.



mdpi.com/si/188126

Special Issue



genes



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 & Heredity*) / CiteScore - Q2 (*Genetics*)

Contact Us

Genes Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/genes
genes@mdpi.com
[X@Genes_MDPI](https://twitter.com/Genes_MDPI)