



genes



an Open Access Journal by MDPI

Multi-Omics in Cancer Precision Medicine

Guest Editor:

Dr. Eitan Rubín

The Sharga Segal Dept. of
Microbiology, Immunology and
Genetics, Ben-Gurion University
of the Negev, Beer-Sheva
8410501, Israel

Deadline for manuscript
submissions:
closed (5 January 2022)

Message from the Guest Editor

We are happy to announce a Special Issue of *Genes* that will be dedicated to the role that multi-omics research has/should have in Cancer Precision Medicine. We are in the middle of an information revolution in biomedical research: improvement in measurement technologies has made it possible, for the first time, to sequence thousands of exomes/full genomes, to explore the entire transcriptome, even at the single cell level, and to measure the levels of thousands of proteins and metabolites. Yet, in medical practice, mutations still reign supreme, while we know disease biology is a multi-faceted, multi-layered phenomenon.

In this issue, we hope to show that other multi-omics approaches can help to understand and treat cancer. We encourage submissions that utilize multi-omics approaches to make new discoveries about cancer and/or suggest new therapeutic approaches. We specifically look for works that demonstrate how the combination of different omics methodologies facilitates new discoveries.



mdpi.com/si/88974

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 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](#)