

Special Issue

Genomic Approaches for Disease Diagnosis and Prognosis

Message from the Guest Editor

Over the last two decades, next generation sequencing (NGS) has facilitated the transition of biomedical research into the post-genomic era. International consortia, including, but not limited to, the Cancer Genome Atlas (TCGA), the International Cancer Genome Consortium (ICGC) and the Genotype-Tissue Expression Project (gTEX), combined molecular insights (e.g. DNA sequence and structure and/or RNA or protein expression) with clinical manifestations, thereby promoting the development of novel diagnostic and prognostic biomarkers or therapeutic targets.

The same efforts highlighted the extensive cellular and molecular heterogeneity that governs complex diseases such as cancer.

This Special Issue welcomes articles that emphasize the role of genomic approaches and/or methodologies in the form of bulk, single-cell or spatial sequencing as novel clinomics strategies designed to convert genomic function into diagnostic, prognostic and therapeutic action against complex human diseases.

Guest Editor

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Deadline for manuscript submissions

closed (15 December 2024)

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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

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