Special Issue

Gene Regulation in Cancers

Message from the Guest Editors

Gene expression dysregulation can promote tumorigenesis. Different stages of the gene regulatory programs can be affected by a wide variety of events, including accumulative coding and/or non-coding genetic mutations, DNA/RNA and histone modifications, chromatin conformation changes, and rewired metabolic pathways. A systematic understanding of gene regulation will provide profound insights into the mechanisms of tumorigenesis and lead to the development of novel diagnoses and therapies for cancer. This Special Issue of Genes aims to highlight the advances in the molecular mechanisms of altered gene expression regulation in cancer. We invite authors focus on any of the following topics: genetic variations influencing the cancer transcriptome, signaling pathways and/or epigenetic modulators aberrantly reprogramming cancer epigenome, cancer-related metabolites impairing epigenetic modifications, mechanisms impacting RNA processing in cancer, and novel therapeutic strategies conquering cancer-specific gene regulation programs. We look forward to your contributions.

Guest Editors

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Deadline for manuscript submissions

closed (25 February 2023)

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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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