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Molecular Biomarkers of Solid Tumors

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Message from the Guest Editor

Dear Colleagues,

Cancer remains the leading cause of death worldwide. Successful cancer treatment is largely determined by early detection, risk assessment, efficient therapies, and treatment monitoring. These processes can be associated with one or more specific molecular markers, which can be genetic mutations, epigenetic changes, mRNA and/or protein expression levels, and metabolite levels. Molecular markers can be quantified in biological samples, including tumor tissue biopsy, blood, plasma, etc. Over the past ten years, the development of new technologies, e.g., routine utilization of Next-Generation Sequencing techniques in molecular diagnostic laboratories, has greatly facilitated the identification and detection of molecular markers, and significantly improved the clinical utilities of these molecular markers in cancer risk assessment, diagnosis (primary or metastatic), disease subclassification, prognosis, personalized therapy, treatment prediction and monitoring. This Special Issue will focus on the identification and detection of molecular markers and their clinical utilities in solid tumors.



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Special Issue



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Editor-in-Chief

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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.

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