

Special Issue

Advances in Molecular Studies of Solid Tumors

Message from the Guest Editor

Cancer must be considered a genetic disease and the accumulation of molecular alterations in the genome of somatic cells is a prerequisite for cancer progression. New discoveries and insights are transforming the field of oncology at multiple levels, and at an increasing speed. For instance, the genomic maps are redesigning the tumour taxonomy by moving it from a histological to a molecular-based level. Tumour genotyping is thus increasingly assisting clinicians to individualize treatments by matching patients with the best treatment for their tumours. Furthermore, the success of cancer drugs designed to target the molecular alterations underlying tumorigenesis has proven that somatic genetic alterations are valid targets for therapy. In this issue, we will focus on central aspects of clinical tumour progression as well as relating the tumour to its global environment of the organism by addressing essential molecular aspects of cancer development.

Guest Editor

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