



Immunomarkers and Molecular Markers in the Diagnosis of Malignant Tumors

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Message from the Guest Editors

A combined approach based on radiology and pathological examination currently represents the diagnostic gold standard of human neoplastic diseases. In relatively recent years, the introduction of new ancillary methods, including real-time polymerase chain reaction (rt-PCR), fluorescence in situ hybridization (FISH) and next-generation sequencing (NGS), through which the molecular landscape of neoplasms can be studied, has improved diagnostic accuracy. Such methods have allowed the identification of new “entity-defining” genetic alterations, some of which have been included in the definition of many tumor entities. Soft tissue and central nervous system tumors represent emblematic examples of the application of molecular biology to human oncology.

Accordingly, the identification of new immunomarkers along with molecular markers still represents one of the main goals of cancer scientific research. Based on this background, this Special Issue is devoted to the study of markers with both diagnostic and prognostic/predictive value in the field of human oncology.





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