



## New Insights into the Pathobiology of T Cell Malignancies

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### Message from the Guest Editor

T cell malignancies (TCM) consists of a heterogenous group of aggressive hematologic neoplasms, including peripheral T cell lymphomas (PTCL), cutaneous T-cell lymphomas (CTCL) and acute T cell lymphoblastic leukemia (T-ALL). TCM are relatively rare, with a similar incidence of 0.65/100 000 for PTCL and for CTCL, and 0.15 for T-ALL. In the last decade, the introduction of high throughput next generation sequencing techniques, as whole genome sequencing, RNA sequencing and single cell sequencing, resulted in the identification of numerous genetic, epigenetic and transcriptomic alterations in TCM. Yet, to date the knowledge of genetic alterations has not successfully resulted in better understanding of molecular pathogenesis of distinct TCM entities, and in consequence the prognosis for TCM patients is still unsatisfactory.

The aim of this Special Issue is to report novel genomic, epigenomic, transcriptomic or proteomic alterations associated with T cell malignancies, as well as functional studies unraveling, or verifying their contribution to the malignant transformation, cancer development or progression. Original articles, short communication and review papers are welcome.





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## Message from the Editor-in-Chief

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