



## Targeted Treatment of Lymphoma, Leukaemia and Myeloma

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Deadline for manuscript  
submissions:

**closed (20 July 2021)**

### Message from the Guest Editor

Our understanding of tumor biology has led to the development of several therapies targeting specific genes and proteins involved in the growth and survival of cancer cells. This transformation is most apparent in lymphoma and leukaemia, where therapies targeting Bruton tyrosine kinase, phosphatidylinositol 3-kinase inhibitors, and B-cell lymphoma 2 are already in clinics.

The role of the immune system in tumor eradication has led to the development of second-generation CD20 antibodies, chimeric antigen receptor T-cells, and agents acting on key immune checkpoints. Agents acting on DNA methylation or histone protein modification are also active in certain lymphoid malignancies.

Several of these agents are superior to conventional chemoimmunotherapy although they are not without risks. This Special Issue will provide a comprehensive overview of current clinical research in lymphoma and leukaemia with special reference to targeted therapies, including the utility of specific drugs/combinations and strategies in various clinical and biological subgroups.





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