



Advances in Chronic Lymphocytic Leukemia Microenvironment: The Disruption of the Supportive Leukemic/Accessory Cells Interactions to Improve Therapy Response

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Message from the Guest Editors

Chronic Lymphocytic leukemia (CLL) is a lymphoproliferative disorder characterized by the relentless accumulation of leukemic B cells in the blood, secondary lymphoid tissue and bone marrow. It has become increasingly clear that the stimuli derived by the cross-talk between the neoplastic cells and the microenvironment have a critical role in CLL-pathogenesis: this finding suggests the importance of disrupting survival advantages conferred by growth-favorable niches to improve the response to therapy. Indeed, several cytokines released within the microenvironment and specific cell-cell contacts favor clonal B cells expansion and resistance to drug treatments. It is further worth noting that leukemic B cells shape their microenvironment and polarize *M1* vs. *M2* or *Th1* vs. *Th2* cells, causing, therefore, suppression of the immune response.

This Special Issue encompasses new research articles and reviews to advance our knowledge in CLL-TME cross-talk and to highlight novel treatments optimized to reshape the protumor microenvironment and to potentiate current therapies.





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Message from the Editor-in-Chief

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