



Aging and Hematological Neoplasms

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Message from the Guest Editor

Most hematological neoplasms are predominantly diseases of older adults. Aging plays an important role in disease initiation and progression. Clonally restricted hematopoiesis is a common aging-associated biological state that predisposes to the development of a hematological malignancy. Potential drivers of progression from precursor states to overt neoplasia including secondary mutations in clonal cells, altered transcriptional program, marrow microenvironment inflammatory changes and immune exhaustion are also related to aging. Given the aging population and the concomitant increase in the number of older adults with cancer, the need to incorporate geriatric assessment into the care of elderly patients with hematological neoplasms is increasingly being recognized. Although significant progress has been made in recent years due to novel agents and strategies, these patients represent a group with the highest unmet medical need. The aim of this Special Issue is to address the complex relationship between aging and hematological neoplasms, including both biological and pathogenetic aspects as well as clinical and therapeutic challenges.





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Message from the Editor-in-Chief

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