



Myeloproliferative Diseases: From Diagnosis to Treatment Approach, through the Molecular Landscape

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Message from the Guest Editor

The advent of molecular biological analyses and the widely adoption of next-generation sequencing technology has allowed a deep classification of patients affected by myeloid diseases, especially in Philadelphia-negative myeloproliferative neoplasm (MPNs) in terms of prognosis and survival. Novel and strict classification of patients based on molecular, cytogenetic, and clinical aspects have upgraded the diagnosis, classification, and prognostication of patients, in the early days and during the natural history of the disease, guiding the treatment approach.

The purpose of this Special Issue is to discuss the novel developments of molecular biology in recent years regarding its utility in the different prognostic stratification of patients affected by myeloid disorders, such as primary myelofibrosis (PM), essential thrombocythemia (ET), polycythemia vera (PV), and chronic myeloid leukemia (CML). The value of deeper molecular analyses and the cytogenetic classification in guiding the treatment approaches is continuously under study to improve our knowledge.





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