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# Novel Advances in the Molecular Understanding of Myeloproliferative Neoplasms (MPNs)

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St. Jude Children's Research Hospital, Memphis, TN, USA **Message from the Guest Editors** 

Myeloproliferative neoplasms (MPNs) encompass a diverse group of hematologic malignancies, including polycythemia vera (PV), essential thrombocythemia (ET), and primary myelofibrosis (PMF), as well as post-PV-MF and post-ET-MF. Progression to acute leukemia represents the most dreaded complication of the disease and a significant cause of mortality in MPN patients.

This Special Issue aims to present the latest advances in exploring the molecular landscape of MPNs, offering a comprehensive overview of the role of molecular abnormalities in pathogenesis and discussing how these findings might guide treatments targeting vulnerabilities and reduce mutant allele burden in MPNs.

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## **Message from the Editor-in-Chief**

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in Open Access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

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