

Special Issue

Advances in Hematological Disorders: New Insights and Novel Methods

Message from the Guest Editors

Hematological disorders, either congenital or acquired, are usually heterogeneous and mainly driven by genetic mutations and/or epigenetic alterations. Decoding the molecular pathogenesis, investigating the shifted genetic/epigenetic mechanisms and regulating differential gene and non-coding RNA transcripts' expression may help to determine better risk stratification tools and minimal residual disease profiles. New advanced technologies ensure the accurate quantification of molecular components, underlying the pathogenesis and progression of hematological disorders. However, the distance between advanced technologies and applications in daily clinical practice is currently unbridgeable, due to the high cost and complexity of molecular diagnostic procedures. Precise molecular diagnosis, the recognition of crucial molecular targets for each disorder and the discovery of effective targeted therapeutic agents, are of significant importance and may improve all aspects of clinical practice.

Guest Editors

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