

## Special Issue

# Molecular Advances in Blood Disorders

### Message from the Guest Editor

Recent advancements in molecular biology, (epi)genomics, and therapeutics have revolutionized our understanding of blood disorders, from common, acquired to rare, inherited conditions over a spectrum, ranging from anaemia and disorders of haemostasis and thrombosis to complex malignancies such as myeloproliferative neoplasms. A deeper understanding of blood disease pathophysiology has paved the way for improved diagnostic procedures, prognostic and predictive values, novel targeted therapeutics, and predictions of clinical outcomes. This Special Issue aims to gather high-quality contributions with a focus on innovative findings, approaches, and advances in molecular profiling; potential or novel diagnostic, prognostic, or predictive biomarkers; molecular monitoring; and targeted therapeutic approaches of acquired or inherited blood disorders. By compiling these advancements, this Special Issue aspires to serve as a comprehensive resource for researchers, clinicians, medical laboratory scientists, and other healthcare professionals dedicated to advancing knowledge of these disorders. Original research articles and reviews are all highly welcome.

### Guest Editor

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### Deadline for manuscript submissions

30 October 2025



## International Journal of Molecular Sciences

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Impact Factor 4.9  
CiteScore 9.0  
Indexed in PubMed



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*International Journal of  
Molecular Sciences*  
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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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