



Blood Disorders: Diagnosis, Management, and Future Opportunities

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Message from the Guest Editors

Dear Colleagues,

We invite researchers and clinicians to contribute to this Special Issue, which will focus on the critical need to translate scientific advancements into clinical practice, to ultimately improve patient outcomes and quality of life.

Blood disorders encompass a wide range of conditions affecting the blood's ability to function correctly. These disorders can impact red blood cells (e.g., anemia and hemophilia), white blood cells (e.g., leukemia and lymphoma), platelets (e.g., thrombocytopenia), and plasma (e.g., multiple myeloma), leading to various health issues.

We will explore the major current challenges and opportunities, from the use of flow cytometry, digital droplet PCR (ddPCR), and next-generation sequencing (NGS) to new, attractive metabolomic approaches to identifying emerging biomarkers.

In this Special Issue, with contributions from experts, we aim to discuss and clarify the most important technological advancements in diagnosis and the identification of novel biomarkers, highlighting the impact that they could have on early detection and personalized treatment approaches.

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