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Platelets in Health and Disease: From Molecular Mechanisms to Therapeutic Potential

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Message from the Guest Editor

Dear Colleagues,

Recently, platelets have also been implicated in various tissue remodeling processes, such as apoptosis, immune patrolling, and adaptive immunity. They play a critical role in the immediate response to vascular injury by promoting vascular inflammation and immunomodulation. These discoveries have led to a broader understanding of platelets as immune cells.

Platelets continue to captivate both clinicians and basic scientists as new interactions between platelets, their precursor cells (megakaryocytes), and novel immune cell populations are uncovered. Emerging roles of platelets in disease mechanisms are being identified, and they are increasingly recognized as valuable targets for therapeutic interventions and as potential biomarkers.

Contributions to this Special Issue, "Platelets in Health and Disease: From Molecular Mechanisms to Therapeutic Potential", should focus on recent advancements that reinforce the concept of platelets as crucial mediators of vascular immunity, integral components of the immune system, promising therapeutic targets, or biomarkers, particularly in relation to their lipidome, transcriptome, or proteome.

Dr. Henry Nording
Guest Editor



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Special Issue



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Message from the Editor-in-Chief

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