

Special Issue

Advances in Biological Functions of Platelet

Message from the Guest Editor

Platelets, best known as primary mediators of hemostasis and thrombosis, are a critical component of blood vessel walls. As secretory cells, platelets can release multiple substances from storage granules, biomediators and membrane vesicles, influencing both physiological and pathophysiological processes. Conversely, platelets can uptake plasma and cellular components, influencing platelet responsiveness. The analysis of platelet function through the development of powerful imaging techniques, as well as the identification of cells and new molecules that regulate their activation and aggregation within vessels, are instrumental to better understand the mechanisms through which platelets protect or damage organisms. These analyses provide useful information for studying the pathogenesis of many disease states.

Guest Editor

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