

Special Issue

Protein–Protein Interactions of Platelet Receptors

Message from the Guest Editor

Platelet receptor interactions play a major role in pathological conditions such as thrombosis and thrombo-inflammation. Targeting protein–protein interactions is a fundamental approach to developing antiplatelet therapies. Examples of existing drugs that inhibit platelet receptor–protein ligand binding include the glycoprotein IIb/IIIa inhibitors Abciximab, Eptifibatid, and Tirofiban, which block receptor binding to fibrinogen and von Willebrand factor. A variety of platelet receptors have been identified as promising antiplatelet targets that, when inhibited, do not induce increased risks of bleeding. Understanding the nature of these interactions is key to designing specific inhibitors.

The study of protein interactions involving platelet receptors has far-reaching implications, from fundamental biological processes to the development of life-saving medications. This Special Issue, entitled “Protein–Protein Interactions of Platelet Receptors”, will provide an up-to-date description of new and exciting interactions of proteins with platelet receptors.

Guest Editor

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