Supplementary Material

Supplementary Figure 1. A) Gating strategy for identification of platelets based on forward scatter intensity and surface expression of CD42b; **B)** Gating strategy for exclusion of platelet-platelet aggregates based on forward scatter intensity and forward scatter peak. **C)** Gating strategy of the negative control of samples with a platelet count >15 x 10^9/L; **D)** Gating strategy of the negative control of samples with a platelet count <15 x 10^9/L; Note the differences in the number of platelets assessed (Number, All) and in the percentage of positive platelets in the gates of the negative controls (%Gated, Bound Fibrinogen); **E)** Determination of platelet pre-activation in a sample with no added agonist; **F)** Expression of bound fibrinogen in a sample stimulated by collagen, applying the gate set using the negative control depicted in **C)**.

Gate	Number	%Gated
All	10,025	100.00
Bound Fibrinogen	167	1.67

Gate	Number	%Gated
All	3,201	100.00
Bound Fibrinogen	181	5.65