Supplementary Fig. S1 Representative plot of the platelet reactivity curve and histograms of the platelet and coagulation parameters. (A) Sample curves of adenosine diphosphate (ADP)-induced P-selectin expression on platelets, as measured by whole blood flow cytometry and depicted as median fluorescence intensity (MFI). (B) Histograms showing distributions of platelet parameters. All values of the platelet parameters were log10 transformed. Normality of the distribution was tested using Shapiro–Wilk test for normality with a cut-off of $p < 0.05$. 

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Supplementary Fig. S2 Representative flow cytometry plots depicting gating strategy for determination of P-selectin expression on platelets and platelet-fibrinogen binding. Platelets are gated based on forward and side scatter characteristics (A) followed by positivity for the platelet marker CD61 (B). (C) The median fluorescence intensity (MFI) of P-selectin and fibrinogen was determined from the gated platelet population stimulated with adenosine diphosphate (ADP) (7.8 and 31.2 μM; upper panels) and cross-linked collagen-related peptide (CRP-XL) (39 and 625 ng/mL; lower panels).
Supplementary Fig. S3 Platelet activation and reactivity after stimulation with adenosine diphosphate (ADP) or cross-linked collagen-related peptide (CRP-XL) were not affected by recombinant interleukin (IL)-1β, IL-6 and interferon (IFN)-γ. Platelet-rich plasma (PRP) from healthy donors was pre-treated with medium, recombinant IL-1β, IL-6 and IFN-γ (100 ng/mL) for 120 minutes in 37°C and subsequently stimulated with the platelet agonists ADP (7.8 and 31 µM) and collagen-related peptide (CRP-XL; 39 and 625 ng/mL). The median fluorescence intensity (MFI) of the platelet surface expression of P-selectin and platelet-fibrinogen binding was measured by using flow cytometry. Data are presented as means with standard error of the means (SEM) from 6 healthy donors.

Supplementary Fig. S4 Platelet activation and reactivity after stimulation with adenosine diphosphate (ADP) or cross-linked collagen-related peptide (CRP-XL) after pre-incubation with recombinant interleukin (IL)-18 and α-1 anti-trypsin (AAT). Platelet-rich plasma (PRP) from healthy donors was pre-treated with medium, recombinant IL-18 (10 ng/mL) and AAT (10 µg/mL) for 120 minutes in 37°C and subsequently stimulated with the platelet agonists ADP (7.8 µM) and collagen-related peptide (CRP-XL; 39 ng/mL). The median fluorescence intensity (MFI) of the platelet surface expression of P-selectin and platelet-fibrinogen binding was measured by using flow cytometry. Data are presented as means with standard error of the means (SEM) from 6 healthy donors.

\( ^* p < 0.05, \quad ^{**} p < 0.01 \).