Supplementary figure 1. *Donor information.* Sex and age of the ten donors who participated in this study (Supplementary figure 1A), and description of the donors included in the different experiments (Supplementary figure 1B).

| Donor | Sex | Age (years) |
|-------|-----|-------------|
| 1     | Male | 40          |
| 2     | Female | 26       |
| 3     | Female | 26       |
| 4     | Male       | 32       |
| 5     | Female     | 32       |
| 6     | Male       | 33       |
| 7     | Female     | 34       |
| 8     | Male       | 30       |
| 9     | Female     | 37       |
| 10    | Male       | 38       |

- Quantification of anti M protein IgG in plasma
- Flow cytometry for determination of platelet activation, platelet-neutrophil and platelet-monocyte complex formation
- Mass spectrometry
- Quantification of platelet granule release
- Platelet aggregation
Supplementary figure 2. *Gating strategies for flow cytometry of platelet-rich plasma.*

Platelets were gated based on size (FSC-A) and granularity (SSC-A) with logarithmic settings (Supplementary figure 2A), and the CD62P intensity for the gated population was analysed in histograms to determine platelet activation (Supplementary figure 2B). A representative gating strategy in response to HEPES buffer, thrombin, M1 protein and M28 protein from one experiment is shown.
Supplementary figure 3. Gating strategies for flow cytometry of whole blood. The leukocyte population was gated (Supplementary figure 3A) and the granulocytes/neutrophils were gated based on size (FSC-A) and granularity (SSC-A) (Supplementary figure 3B). After excluding the neutrophils, the monocytes were gated based on CD11b and granularity (Supplementary figure 3C). The CD61 intensity within the neutrophil and monocyte gates were analysed in histograms to determine platelet-neutrophil (Supplementary figure 3D) and platelet-monocyte (Supplementary figure 3E) complex formation. The CD11b intensity within the neutrophil and monocyte gates were analysed in histograms to determine neutrophil (Supplementary figure 3F) and monocyte (Supplementary figure 3G) activation. A representative gating strategy with HEPES buffer, thrombin, fMLF or LPS, M1 protein and M28 protein from one experiment is shown.