Supplementary Material to Brzoska et al. “Imaging analyses of coagulation-dependent initiation of fibrinolysis on activated platelets and its modification by thrombin-activatable fibrinolysis inhibitor” (Thromb Haemost 2017; 117.4)

Suppl. Figure 1. Aprotinin inhibited the tPA and Glu-plg accumulations in the CIRs. Clots were formed as described in the Methods in the presence of fbg-647, Glu-plg-568 (50 nM), tPA-488 (7.5 nM) and aprotinin (740 U/ml). A: The aprotinin supplementation largely altered the tPA-488 (green) and Glu-plg-568 (red) binding within the CIRs and completely inhibited fibrinolysis. Representative CLSM images at the indicated time points after the addition of TF are shown. Images are from one experiment, representative of three independent experiments. Scale bar: 100 µm. B: Representative traces show alterations associated with the fbg-647 (blue), Glu-plg-568 (red), and tPA-488 (green) relative fluorescence intensities in the CIR and ROI 50 µm distal to the CIR.
Supplementary Material to Brzoska et al. “Imaging analyses of coagulation-dependent initiation of fibrinolysis on activated platelets and its modification by thrombin-activatable fibrinolysis inhibitor” (Thromb Haemost 2017; 117.4)

Suppl. Figure 2. TMα (5 nM) supplementation had negligible influence on fibrin structure in the CLSM study. Clots were formed as described in the Methods in the presence of fbg-647 and TMα (5 nM) when necessary. CLSM images collected 60 min after the addition of TF were analysed to determine the integrated fluorescence intensities associated with fbg-647 of individual ROIs (mean±SD, n=30 from three independent experiments).
Supplementary Material to Brzoska et al. “Imaging analyses of coagulation-dependent initiation of fibrinolysis on activated platelets and its modification by thrombin-activatable fibrinolysis inhibitor” (Thromb Haemost 2017; 117.4)

**Legend to Suppl. Video 1.** The initiation of the platelet procoagulant activity-dependent fibrin network assembly. Platelet suspension was supplemented with fbg-647 (white) and ANX-488 (green). The first frame was collected 1.5 min after TF supplementation. Scale bar: 10 µm.

**Legend to Suppl. Video 2.** The CIR-dependent fibrinolysis initiation and progression. Clots were formed as described in the Methods in the presence of fbg-647 (white), Glu-plg-568 (50 nM, red) or tPA-488 (7.5 nM, green). The first frame was collected 4.15 min after TF supplementation. Scale bar: 100 µm.