Supplement Figure 2

Fibrin (red) formation and platelet adhesion and aggregation (green) onto fibrin generated from tissue factor in flowing re-calcified citrate blood. Citrated blood was incubated with DiOC6 (1µM) for 10 min for platelet labeling. After addition of AlexaFluor 594-labeled fibrinogen (15µg/ml), blood was readjusted to physiological Ca2+ and Mg2+ concentrations and perfused (shear rate 600/s) over coverslips coated with tissue factor (3ng/ml). 3-D images of fibrin formation in flow direction (arrow) and platelet aggregate formation onto fibrin were obtained by confocal laser scanning microscopy (11s/stack; z=15 μM) over time. The experiment is representative of two others.