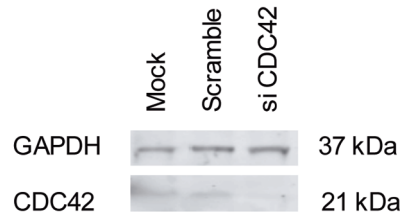
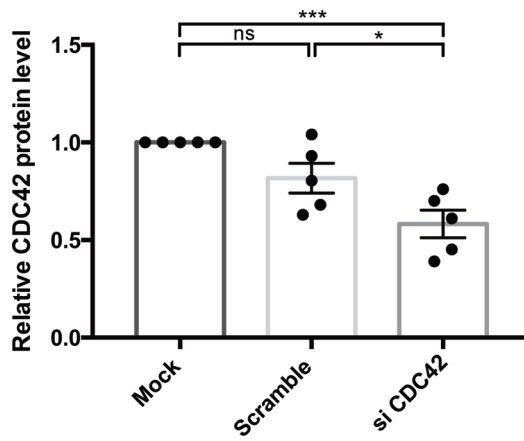


Supplementary Fig. S2 miR-204-5p does not impact PLS morphology. FACS analysis showed no difference in the normalized forward side scatter (FSC) of PLS after miR-204-5p transfection compared to mock condition. The figure is representative of four independent experiments. FACS, fluorescence-activated cell sorting; PLS, platelet-like structure.

Supplementary Fig. S1 PLS derived from CD34⁺ cells are functional. Thrombin stimulation of PLS increased P-selectin secretion (CD62P), activation of GPIIb/IIIa receptors (PAC-1), and induced the adhesion of soluble fibrinogen by FACS compared to nonactivated PLS. $n = 4$ independent experiments; $*p < 0.05$, $**p < 0.01$. T test student. FACS, fluorescence-activated cell sorting; PLS, platelet-like structure.



Supplementary Fig. S3 CDC42 silencing. Western blot analysis showed that transfection of siCDC42 decreased CDC42 protein expression. $n = 5$ independent experiments; $*p < 0.05$, $***p < 0.001$.