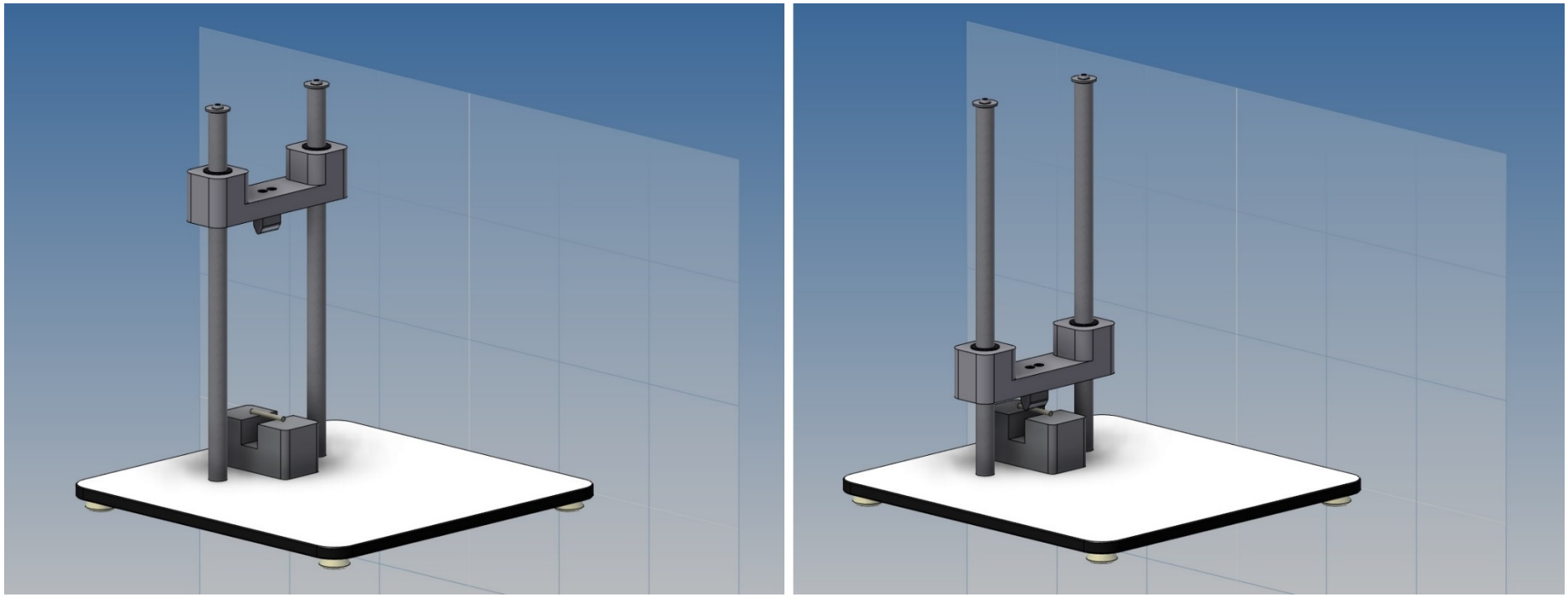
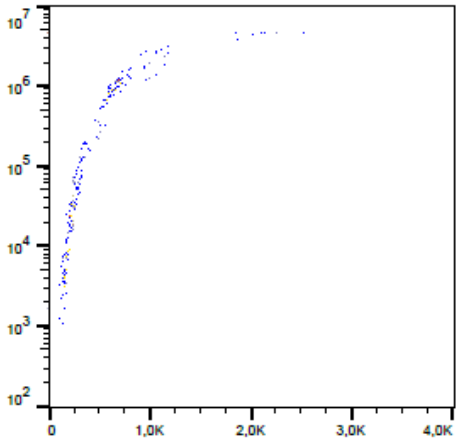
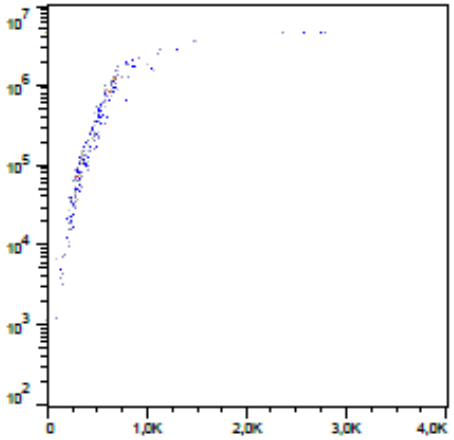
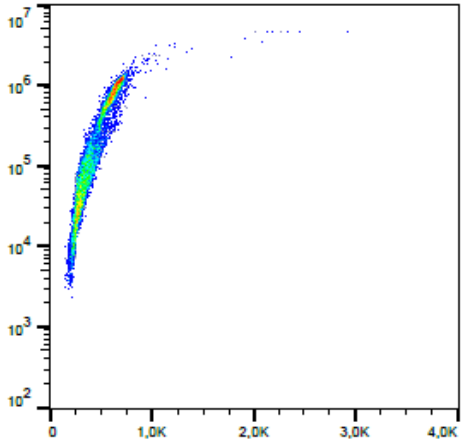
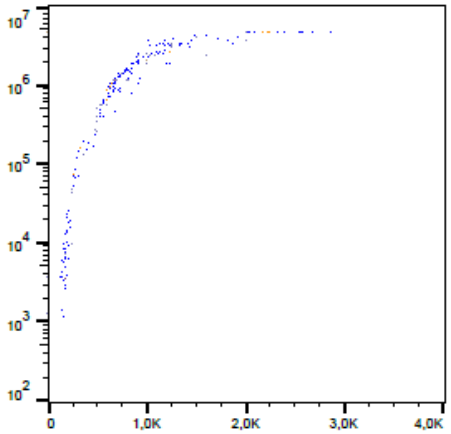
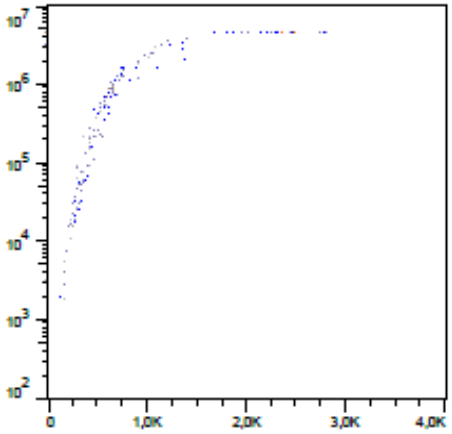
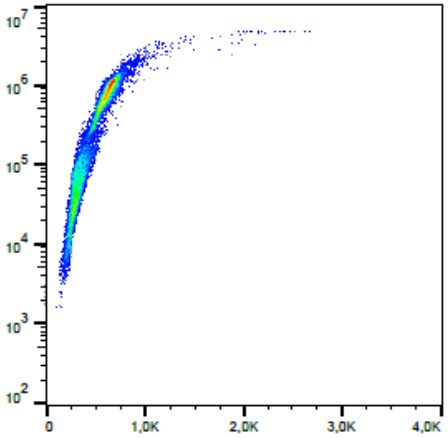
Supplemental figure 1. Blunt guillotine used for the femur fracture.

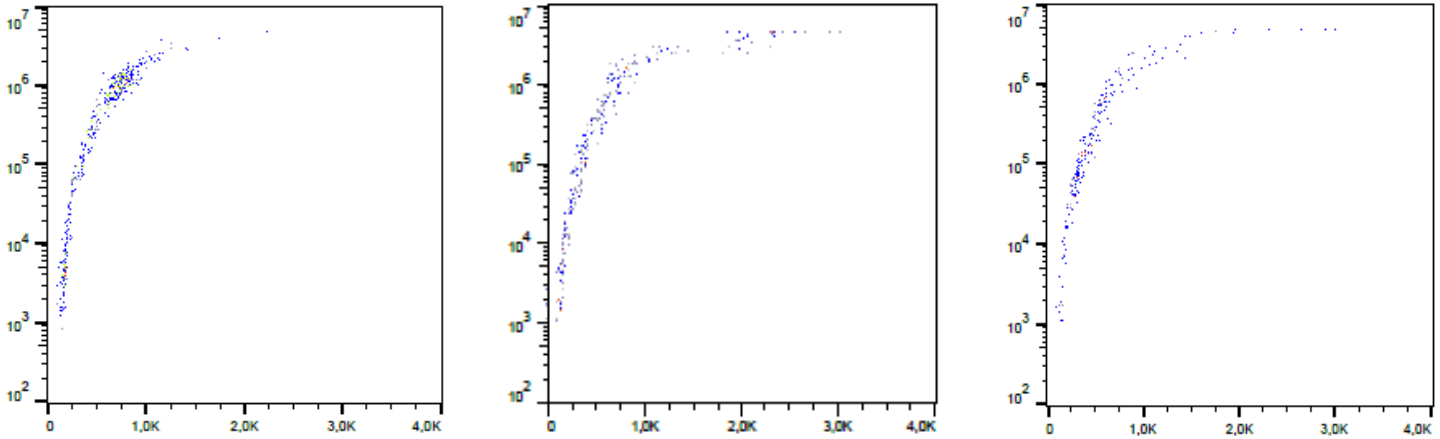


Supplemental Figure 1. Blunt guillotine used for the femur fracture of all traumatized rats. Tubes are 23 cm in height. A marking is placed at 14 cm (height from which the weight should be dropped). Weight of the cross bar is 650 grams. Distance between the supporting pillars for the femur is 2 cm.

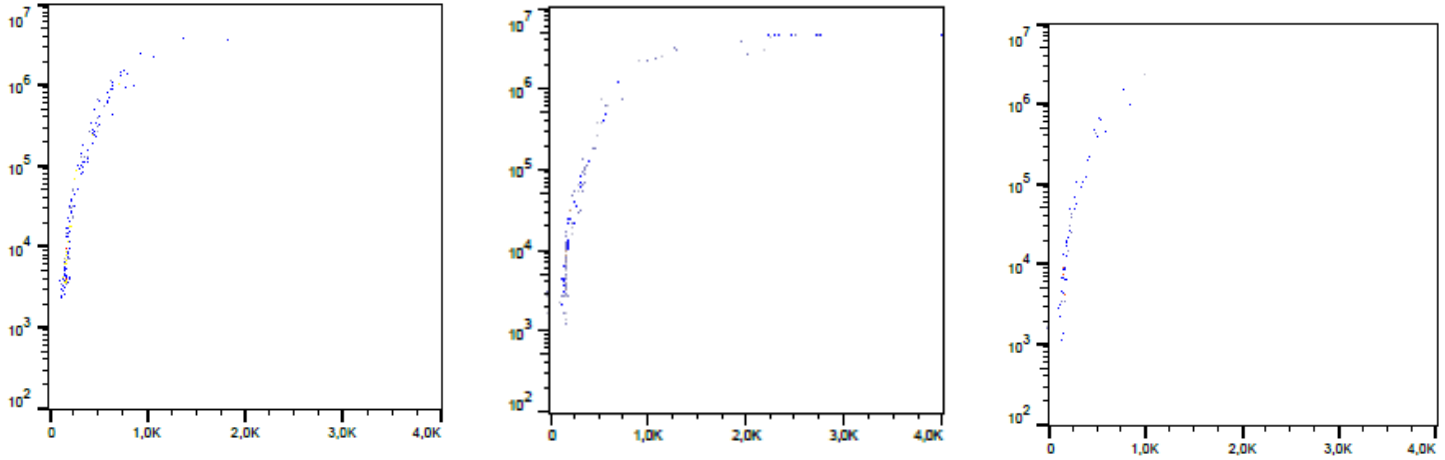
Supplemental figure 2. Size characterization of extracellular vesicles based on cell of origin

	PLT-derived EVs	WBC-derived EVs	RBC-derived EVs
Standard RBC product			
Optimized RBC product			

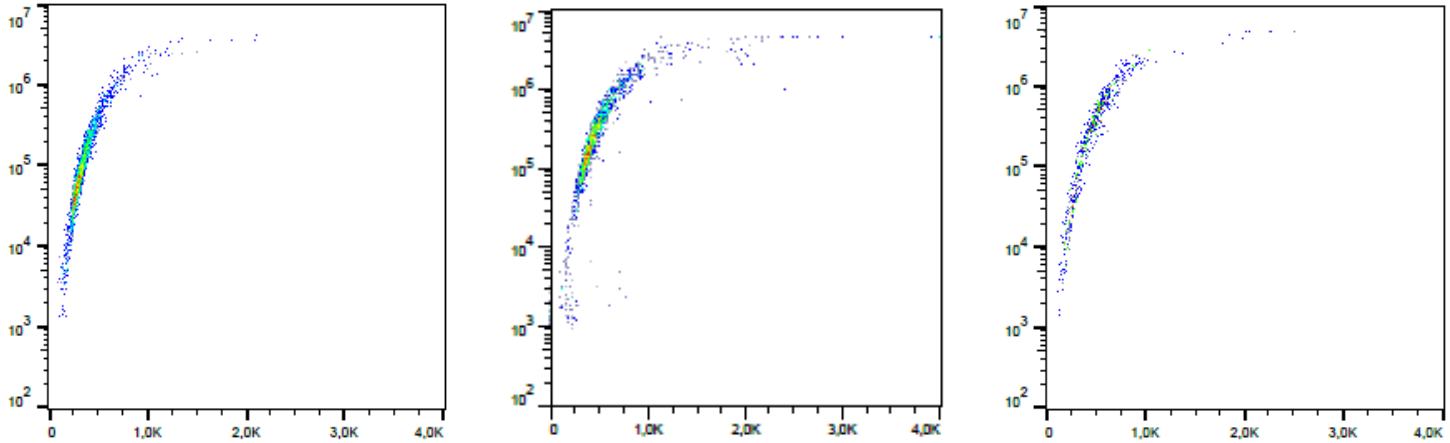
Standard FFP product



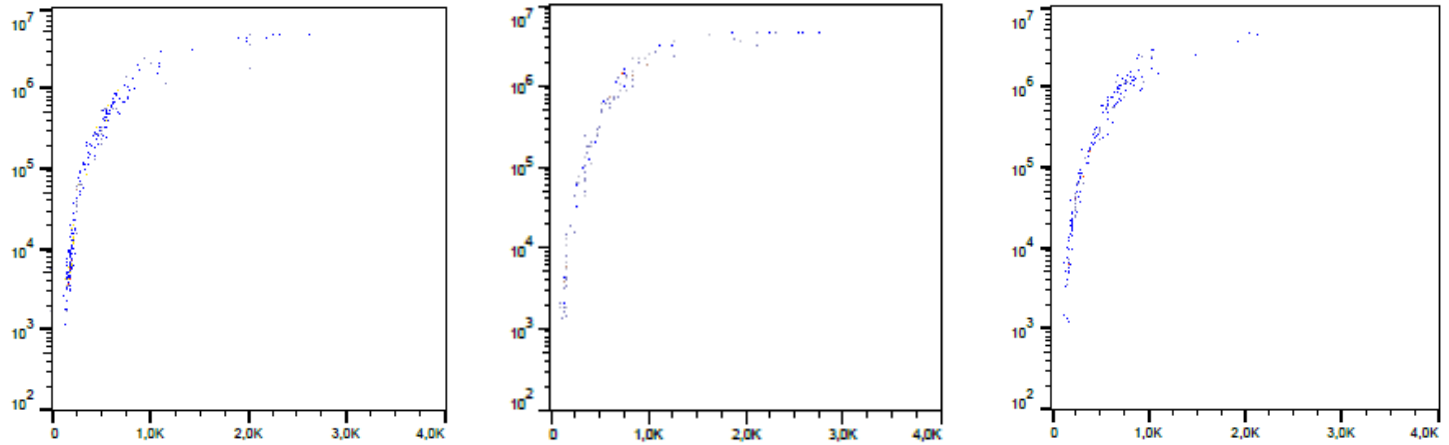
Optimized FFP product



Standard PLT product



Optimized PLT product



RBC = Red blood cell, PLT = Platelet, FFP = Fresh frozen plasma, EV = extracellular vesicle.
X-axis: Diameter in nm of extracellular vesicles, Y-axis: fluorescent signal (405nm Large Angle Light Scatter, Peak).