

Supplementary Table S1: Configuration of BD Influx™ and settings relevant to nano-particle analysis

Feature	Technical details
488 nm laser	Sapphire (Coherent, USA), 190 mW (95% of its maximum)
561 nm laser	Jive (Cobolt, Sweden), 100 mW
<i>Scatter optics for small particles</i>	
20X microscope objective	Mitutoyo (Japan), Long distance N.A. 0.42
Blocker bar in front of the FSC lens	5 mm width, allowing to collect scatter at an angle between 14-25 degrees
Pinhole behind FSC lens	0.7 mm
PMT on each scatter position	Type R3896, Hamamatsu (Japan)
Parameter	Value
Nozzle size	140 micrometer
Sheath pressure	5 PSI
Sample pressure	4.2 PSI
Flow rate	20.8 micro liter per minute
Trigger signal	On fluorescence (528/38)
Threshold FL1	Threshold level was set such that 6 events per second were observed in filtered PBS
PMT filter sets and positions	488/10 FSC detector 488/10 SSC detector 528/38 pinhole 1 585/42 pinhole 3
Others	- Measure with closed blinds - Standard 0.2 micron filter for sheath fluid