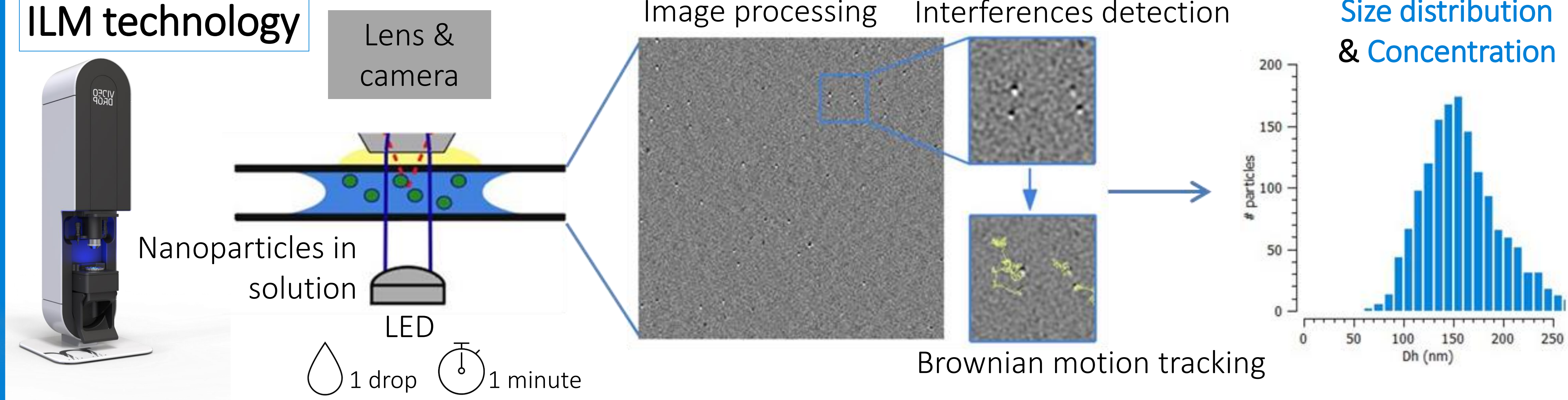
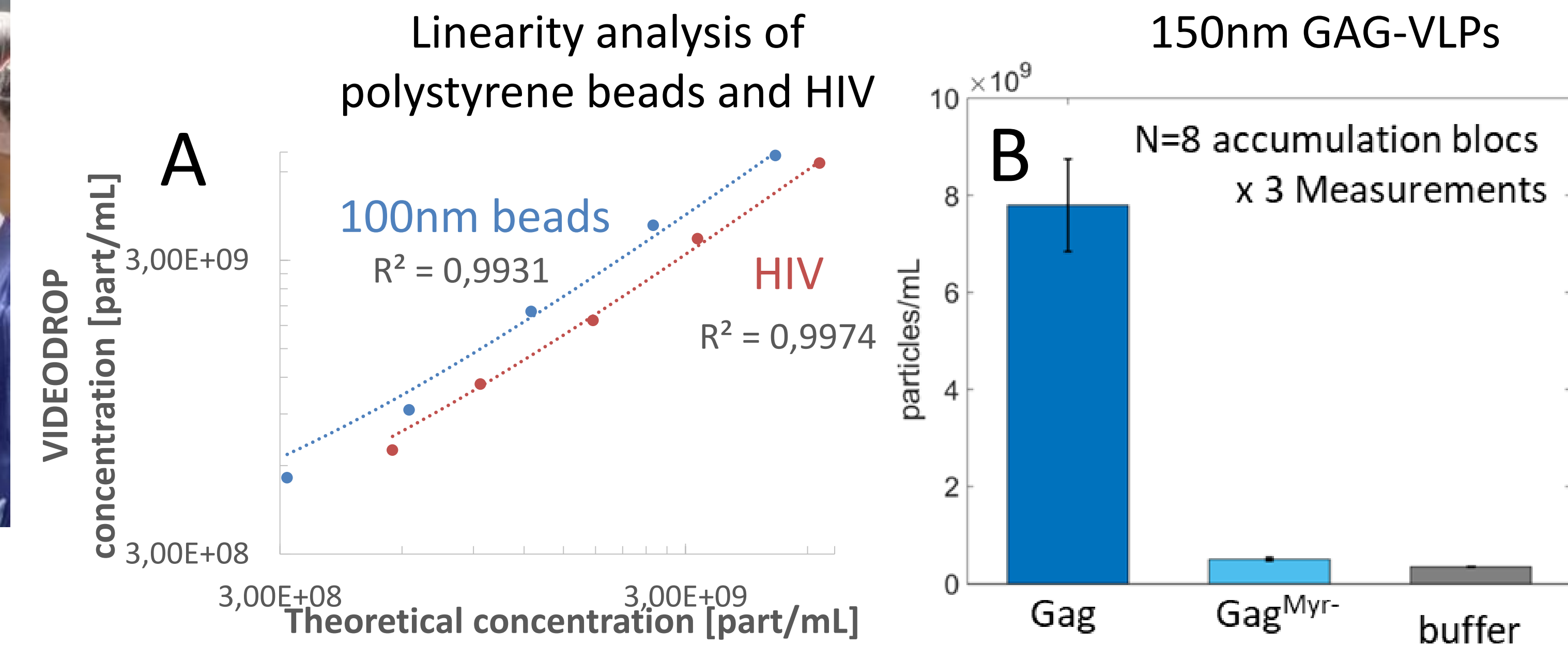


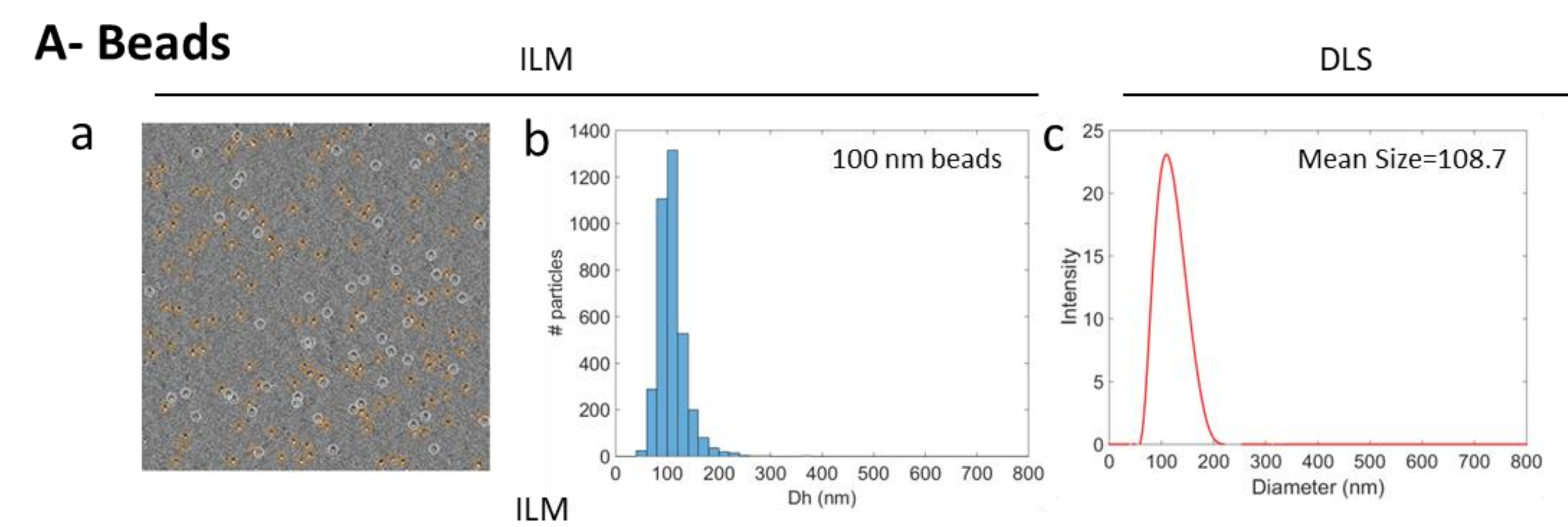
ILM technology



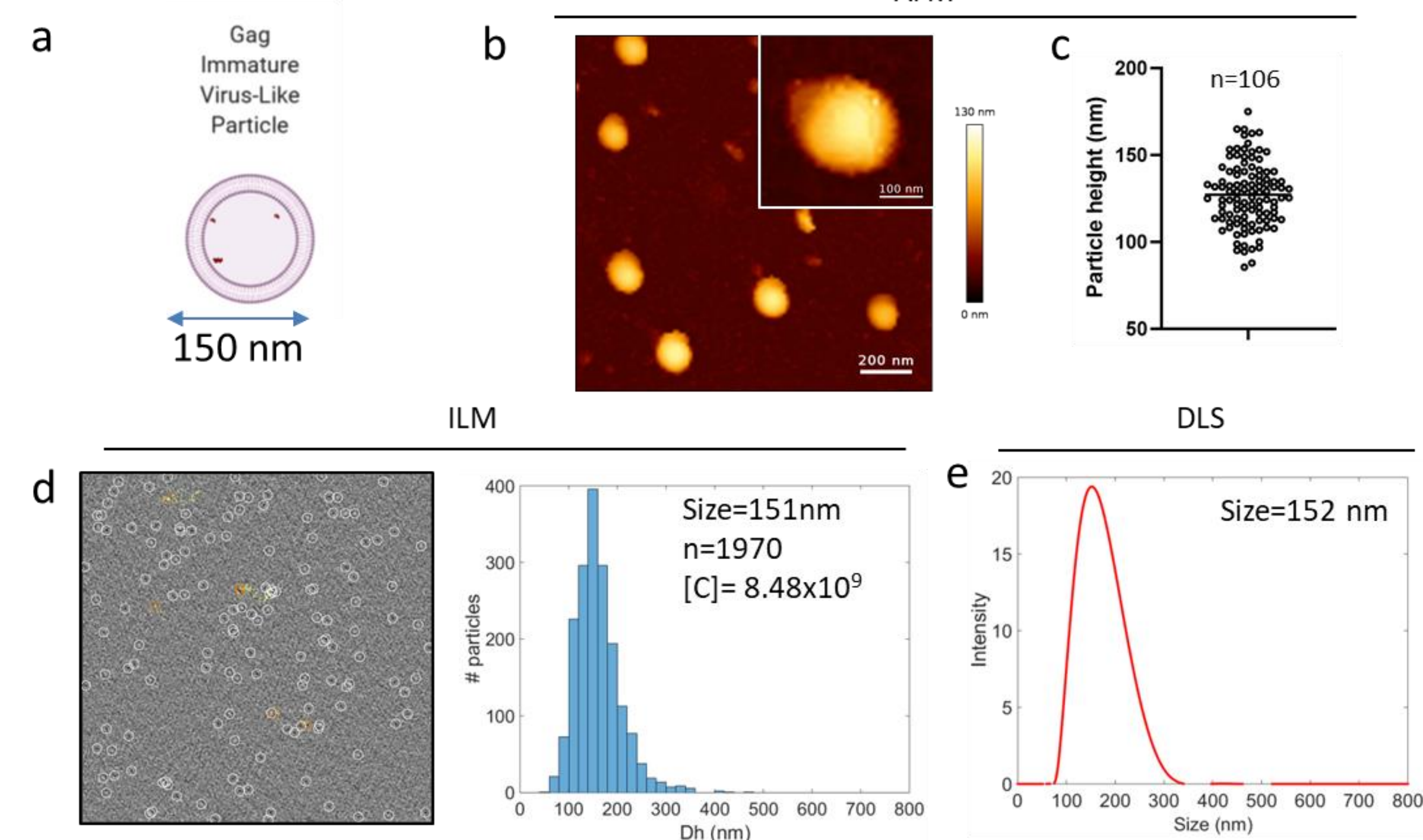
Concentration Linearity & detection limit of HIV-1 vs beads



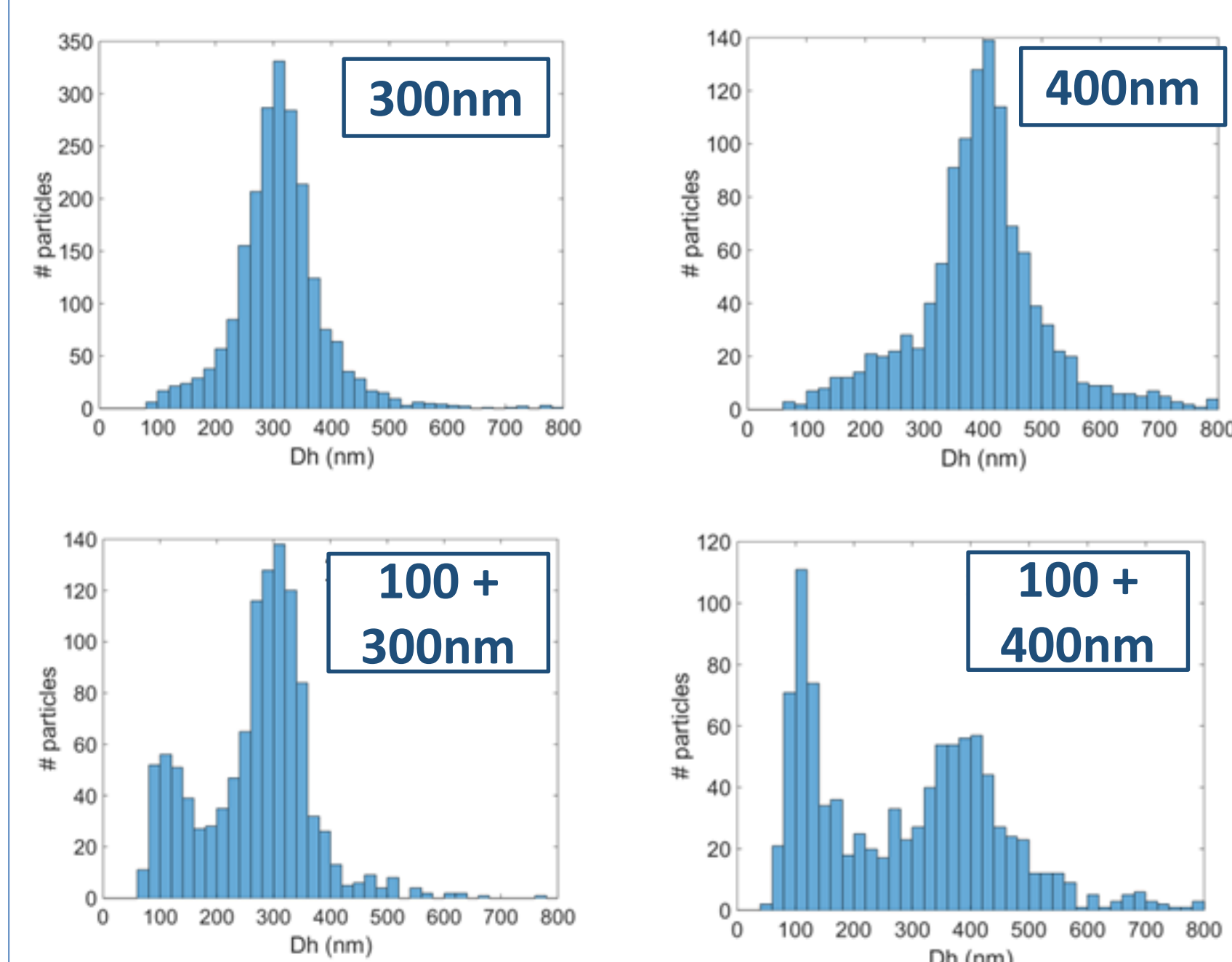
Monitoring beads & Gag-VLP sizes comparing ILM & DLS



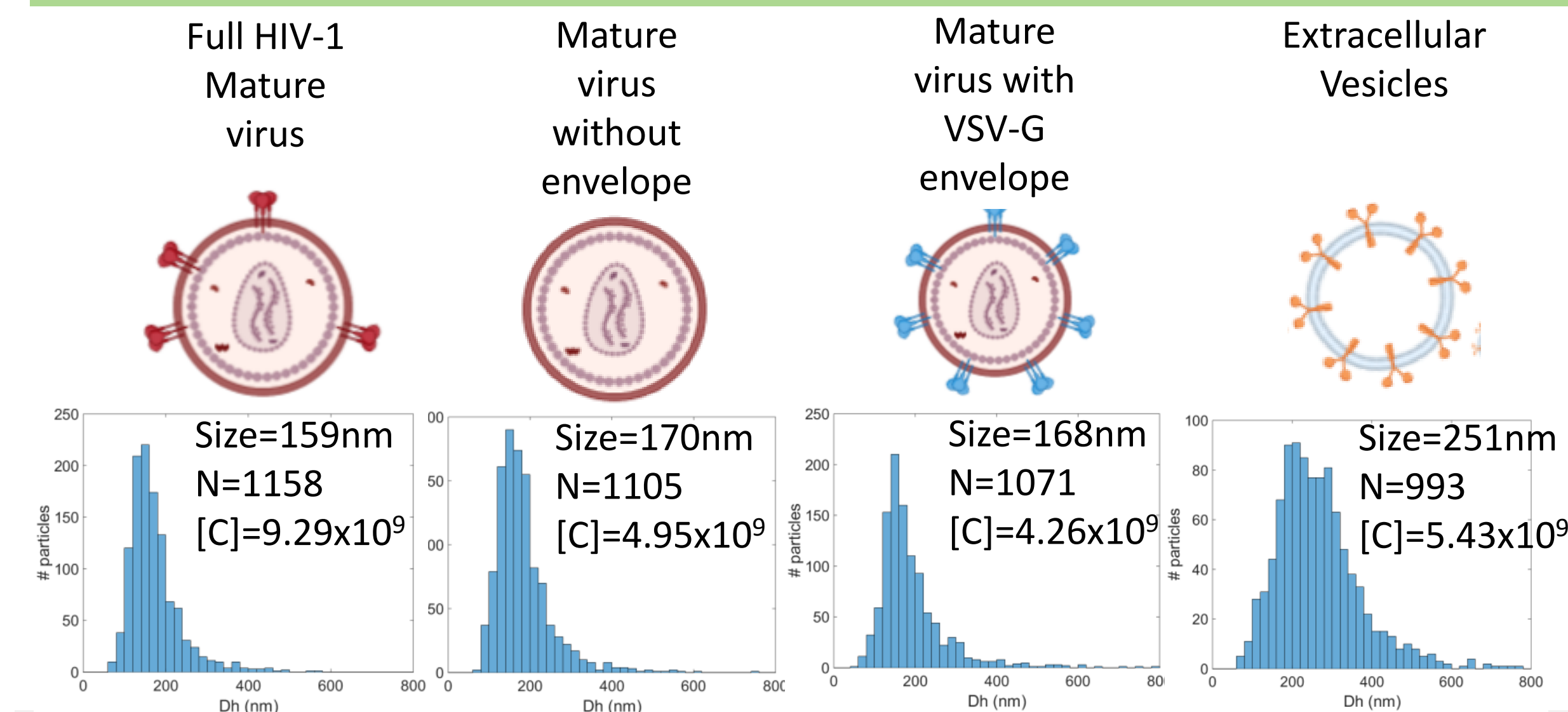
B- HIV-1 Gag-VLP



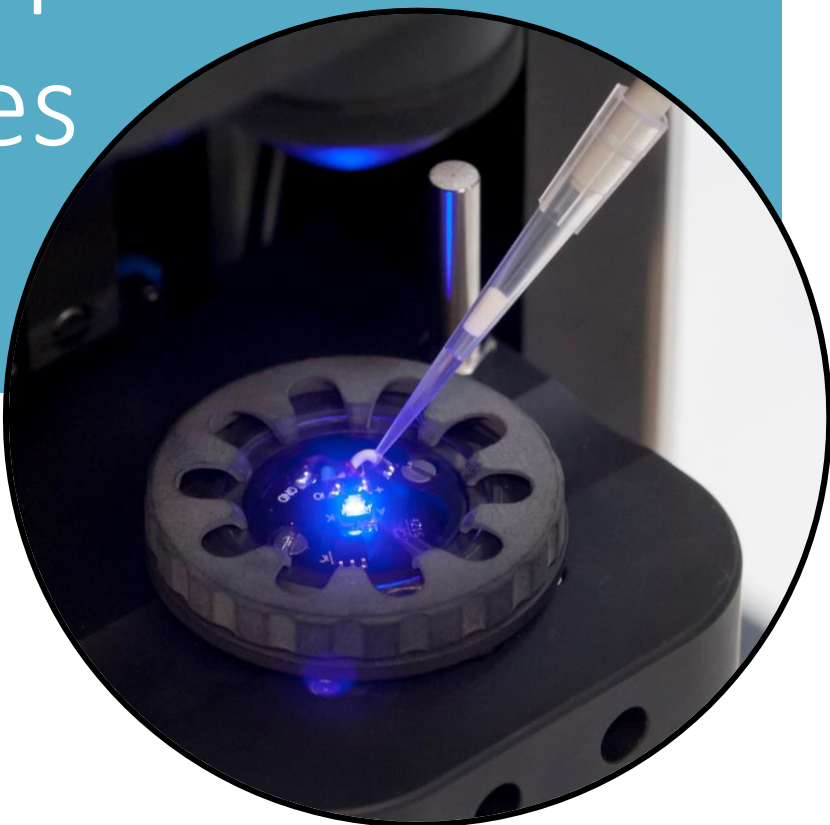
Size distribution of different beads



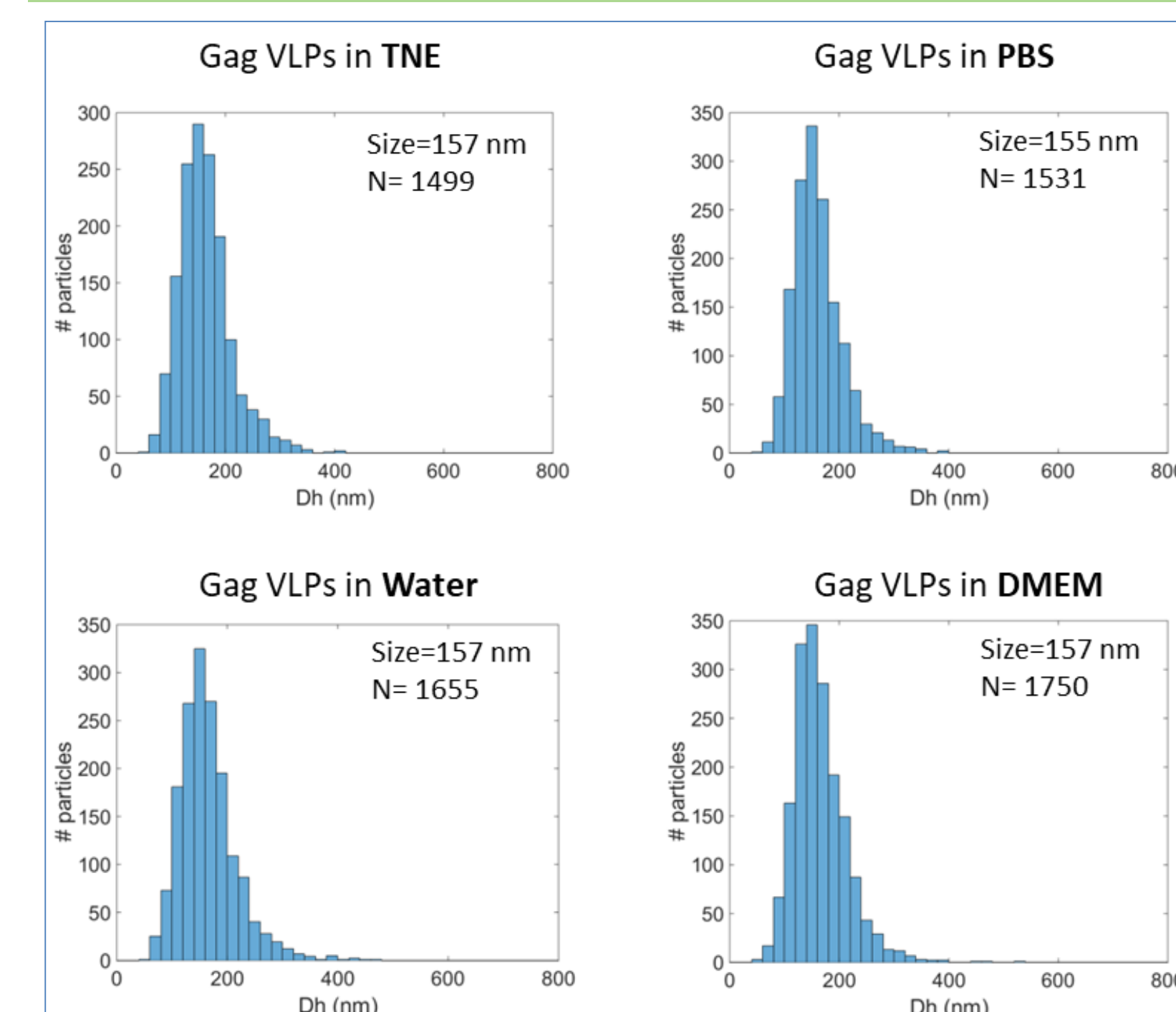
Characterization of different HIV variants & EVs



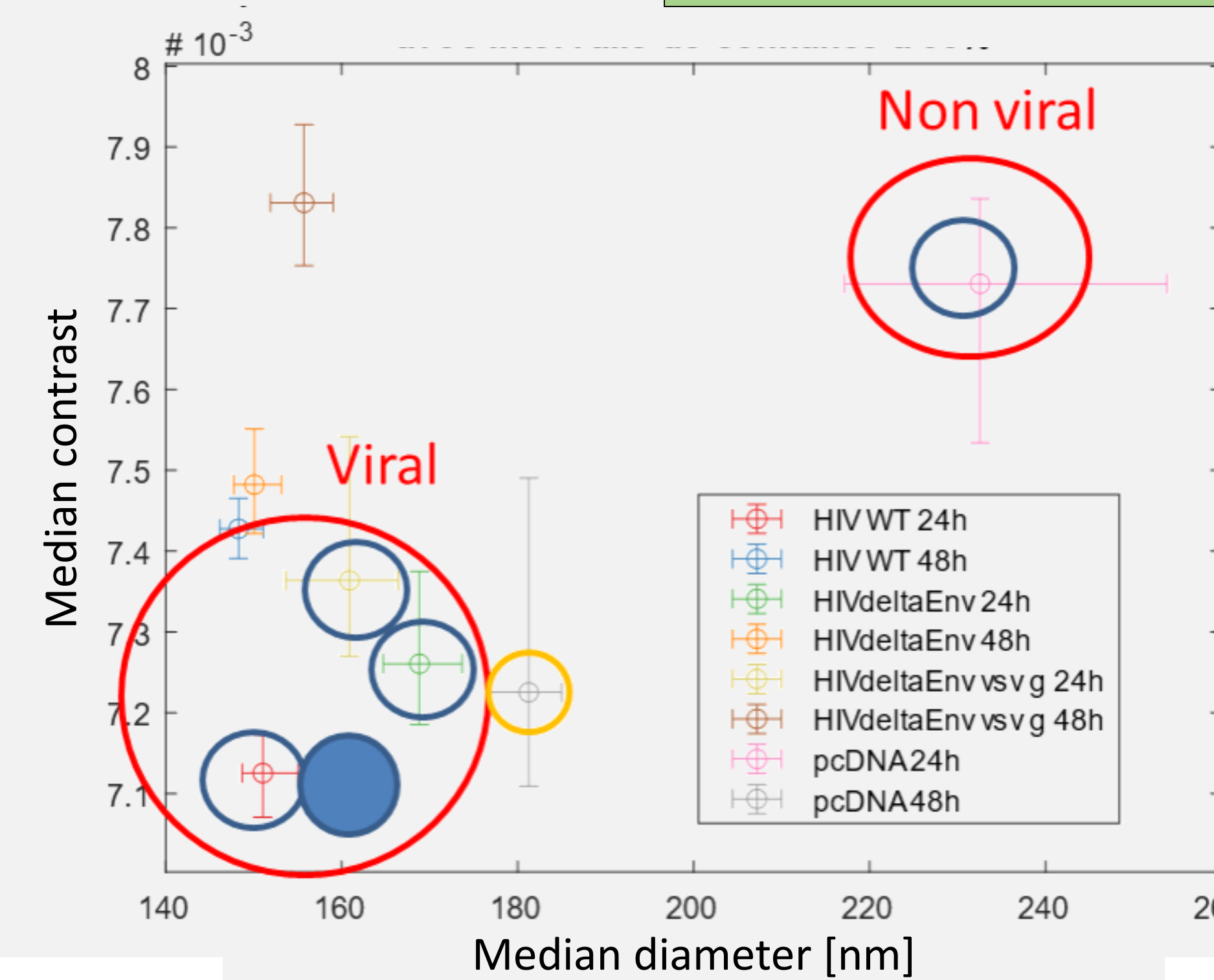
ILM shows great performances for human viruses characterization



GAG-VLP sizes in different buffer



Can we distinguish viruses from EVs ?



Preliminary results show that ILM is not able to distinguish HIV-1 from viral particles derived from HIV-1. But it shows promising differences with EVs analysing the size and the contrast. This could open of new path of research in distinguishing nano-objects without any labelling, a useful tool to monitor virus-like particle production and characterization, such as for vaccins or lentiviral vectors, or for viruses detection.