**Flow Cytometry Frequency Analysis**

The Flow Cytometry data was compensated, gated and then exported from FLOJO… (Lesley fill text here….).

After exporting, the frequencies of each gated population were converted to a percentage of total NK Cells to facilitate comparison. Wilcoxon sum-rank test was performed between HEI and HEU groups in the TARA cohort at each timepoint, and between PwHIV and PwoHIV in the FLORAH cohort.

To initially understand the relationship between Clinical Variables within the cohorts, at each timepoint Wilcoxon signed ranked test (paired) was performed comparing Specific Killing, IFNy, MIP-1B and CD107a at Timepoints Entry (1-2 months) and 12 months of age. Similar test were performed between HEI and HEU for the TARA cohort and between PwHIV and PwoHIV in the FLORAH cohort.

To study the effect of viral load and frequency of NK subsets

**Flow Cytometry MFI Analysis**

**scRNAseq Analysis**