

Unraveling the mechanisms of cocaine, meth and marijuana regulation of the HIV reservoir

- In HIV positive persons with [virologic suppression x 2 years](#) with at least [one other sample time point available](#) for longitudinal assessments
- Need 20 million PBMCs stored viable (-150) and 2 ml plasma at the two time points

Ideal # of unique participant samples	ASSIST + current use	Actual # of unique patient samples
25	Cocaine only	
25	Cocaine + Marijuana	
25	Methamphetamine only	
25	Methamphetamine + Marijuana	
25	Marijuana only	
25	No drug use	

Requested paired clinical data

- Age
- Sex
- HIV RF
- ASSIST historical substance use
- Duration of HIV infection
- Duration of virologic suppression
- Nadir CD4
- CD4 at time of ART start
- Current CD4
- HIV viral load at ART start
- ART adherence
- Hep B, Hep C co-infection