Study Title
Biomarkers of Resilience and Injury related to HIV and Methamphetamine (BRIHM)

Study Summary
This project will look at METH and HIV-associated biomarker signatures of CNS injury and resilience and will translate them to the clinical environment. Participants previously enrolled in TMARC will be called back for a comprehensive neuromedical, psychiatric, and neurocognitive visit at least one year after their TMARC baseline visit. All participants recruited back for BR1 will have completed the TMARC1 or TMARC2 comprehensive baseline neuromedical, psychiatric, and neurocognitive assessment. All participants recruited back for BR1 and BR2 will have completed the TMARC1 or TMARC2 comprehensive baseline neuromedical, psychiatric, and neurocognitive assessment and the subsequent TMARC1 or TMARC2 neuroimaging visit.

Study Eligibility
N=200
HIV-/METH- (n=50)
HIV-/METH+ (n=50)
HIV+/METH- (n=50)
HIV+/METH+ (n=50)

Groups of participants will be selected by the study team and provided to PAR as the desired visit window comes open. The following additional selection criteria applies:
Inclusion Criteria:
1. Possess the capacity to provide informed consent to a set of neurobehavioral, neuromedical and neuroimaging assessment procedures or, if lacking such capacity, to give their assent and to have a representative with legal standing under applicable state law who will consent as a surrogate.
2. Willing to undergo MRI and eligible for MRI (IMAGING GROUP ONLY).

Exclusion Criteria:
1. Participation in an intervention study between the visit window opening and the BR1 visit (*this may be waived at the PIs discretion).
2. Safety or other concern.

Participants will be identified and prioritized by the study team based on the following criteria.
Inclusion Criteria:
1. Possess the capacity to provide informed consent to a set of neurobehavioral, neuromedical and neuroimaging assessment procedures or, if lacking such capacity, to give their assent and to have a representative with legal standing under applicable state law who will consent as a surrogate.
2. Completed a TMARC comprehensive baseline visit at least one year prior.
3. No standard NP assessment within 6 months. (PRM3 battery exposure ok).
Exclusion Criteria:
1. Involvement in an HNRP intervention protocol currently or after the list of cases was provided by the study team – contact PI or study coordinator to review on a case-by-case basis

Study Enrollment Dates
3/1/2019 - 5/30/2022

URL for information on study and/or enrollment
https://hnrp.hivresearch.ucsd.edu/index.php/research/studies/current-research

Contact Name
HNRP Recruitment; hnrprecrui@ucsd.edu