**Supplemental Digital Content, Table S1.** Unadjusted associations (Pearson correlations) between baseline *FKBP5* expression and cognition as a function of HIV-serostatus (women with HIV [WWH], HIV-uninfected [HIV-]) and Age (younger, <40 years of age, older, >50 years of age).

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Younger** | |  | **Older** | |
|  |  |  |  |  |  |
| Outcomes | **HIV-**  *r* | **WWH**  *r* |  | **HIV-**  *r* | **WWH**  *r* |
| **Primary** |  |  |  |  |  |
| Verbal memory | 0.07 | -0.21 |  | 0.07 | -0.21 |
| Attention/working memory | 0.32\* | 0.12 |  | -0.14 | 0.51\*\* |
|  |  |  |  |  |  |
| **Secondary** |  |  |  |  |  |
| Verbal learning | -0.09 | -0.24 |  | 0.09 | -0.04 |
| Executive function | 0.07 | 0.02 |  | -0.09 | -0.03 |
| Speed | 0.11 | 0.01 |  | 0.13 | 0.31T |
| Fluency | -0.05 | 0.10 |  | -0.26 | 0.09 |
| Motor skills | 0.08 | -0.23 |  | -0.10 | 0.04 |

Note. \*\*\**P*<0.001; \*\**P*<0.01; \**P*<0.05; T *P*=0.05

| **Supplemental Digital Content, Table S2.** TNF-alpha concentrations (pg/ml) at baseline (unstimulated), following LPS and LPS+Dex treatments stratified by study group (HIV-serostatus: women with HIV [WWH], HIV-uninfected [HIV-] and Age: younger, <40 years of age, older, >50 years of age). | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
|  | **HIV-, Age<40 (N=40)** | **HIV-, Age>50 (N=40)** | **HIV+, Age<40 (N=40)** | **HIV+, Age>50 (N=40)** | **Total (N=160)** | **p value** |
| **Baseline** |  |  |  |  |  | 0.0371 |
| Median | 9.63 | 11.11 | 21.65 | 11.16 | 11.93 |  |
| IQR | 14.38 | 43.40 | 154.74 | 82.03 | 53.08 |  |
| N\* | 36 | 32 | 35 | 35 | 138 |  |
| **LPS** |  |  |  |  |  | 0.8451 |
| Median | 3685.92 | 3259.19 | 3148.03 | 3055.60 | 3352.34 |  |
| IQR | 3619.60 | 3762.10 | 5149.99 | 3868.32 | 4128.67 |  |
| N\* | 38 | 38 | 37 | 38 | 151 |  |
| **LPS+Dex** |  |  |  |  |  | 0.9371 |
| Median | 1459.09 | 1161.28 | 1480.55 | 1258.74 | 1372.41 |  |
| IQR | 1496.15 | 1408.43 | 2493.30 | 1521.50 | 1694.09 |  |
| N\* | 35 | 38 | 37 | 38 | 148 |  |

1. Kruskal-Wallis rank sum test

\* 3-8 missing values/group due to non-detectable concentrations or not enough sample to run assay.