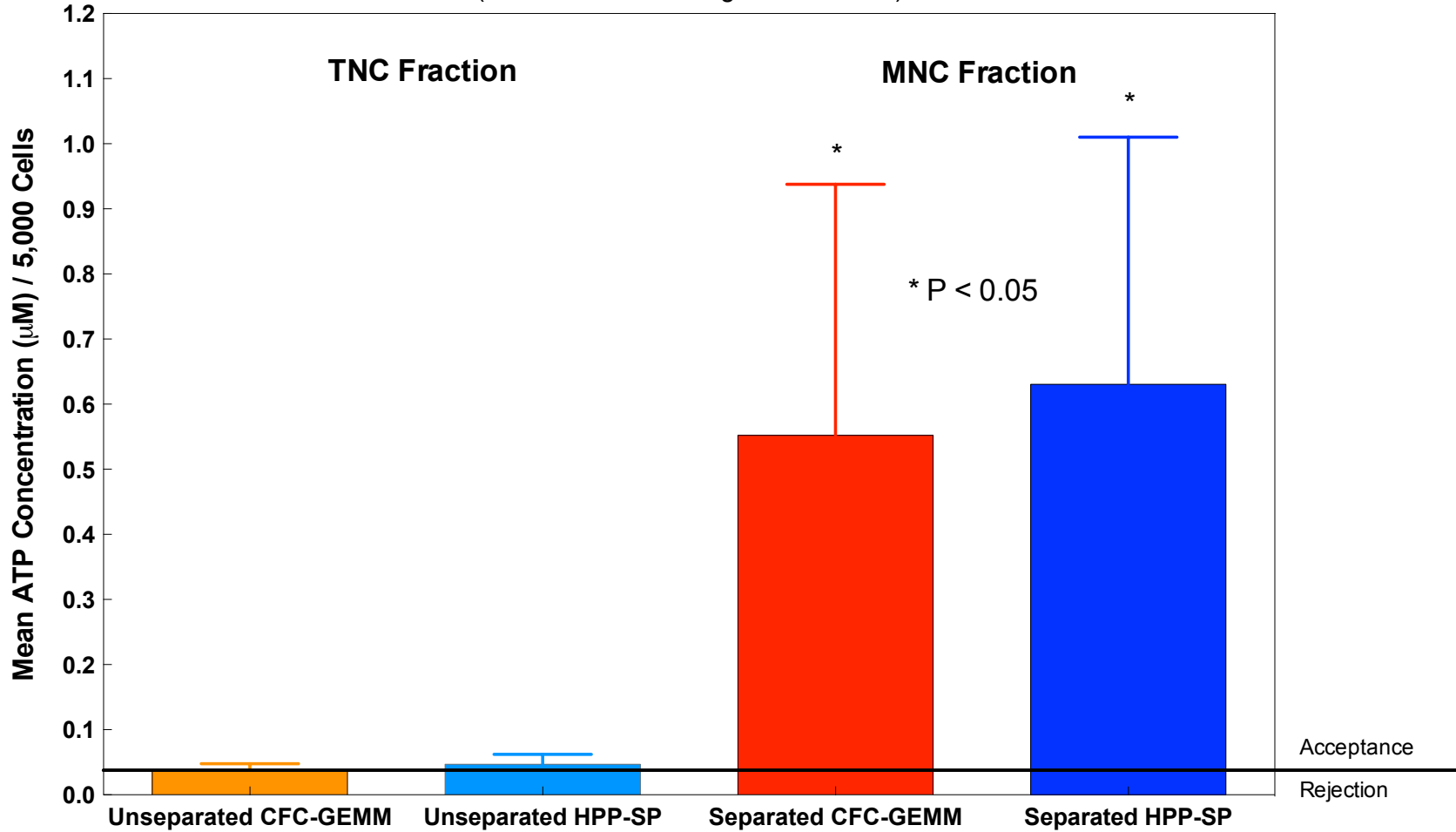


The Effect of Removing Unwanted Cells on Stem Cell "Quality": From TNC Fraction to MNC Fraction

(N = 10 cord blood segments ~ 0.1ml)



The acceptance/rejection limit is $0.04\mu\text{M ATP} \pm 0.01\mu\text{M ATP}$. Cells are unlikely to support sustained proliferation at this level. At $0.01\mu\text{M ATP}$ or lower, cells are metabolically dead.