CHAPTER III
THEORITICAL AND CONCEPTUAL FRAMEWORK
HYPOTHESIS

3.1 Theoretical framework
3.2 Conceptual framework

EXTRACT MANGOSTEEN
\((Garcinia mangostana)\)

HIV patient with Antiretroviral Therapy

\(\text{CD8}^+ \text{T lymphocytes}\)

\(\text{CD38 Expression}\)

3.3 Hypothesis

1. Major hypothesis

Mangosteen \((Garcinia mangostana)\) peel extract has effect on CD8\(^+\) T lymphocytes and CD38 expression in HIV patients with antiretroviral therapy

2. Minor hypothesis

2.1 Mangosteen \((Garcinia mangostana)\) peel extract has effect to decrease the number of CD8\(^+\) T lymphocytes in HIV patients with antiretroviral therapy

2.2 Mangosteen \((Garcinia mangostana)\) peel extract has effect to decrease the level of CD38 expression in HIV patients with antiretroviral therapy