Discovery Pipeline

Literature
Data Mining
Omics Studies

1 Hypothesis Generation
1000+ candidates

-70%

2 Discovery Phase
~300 candidates

-80%

3 Verification
~60 candidates

-85%

4 Validation
~10 candidates

Most candidates

❌ **Failed**

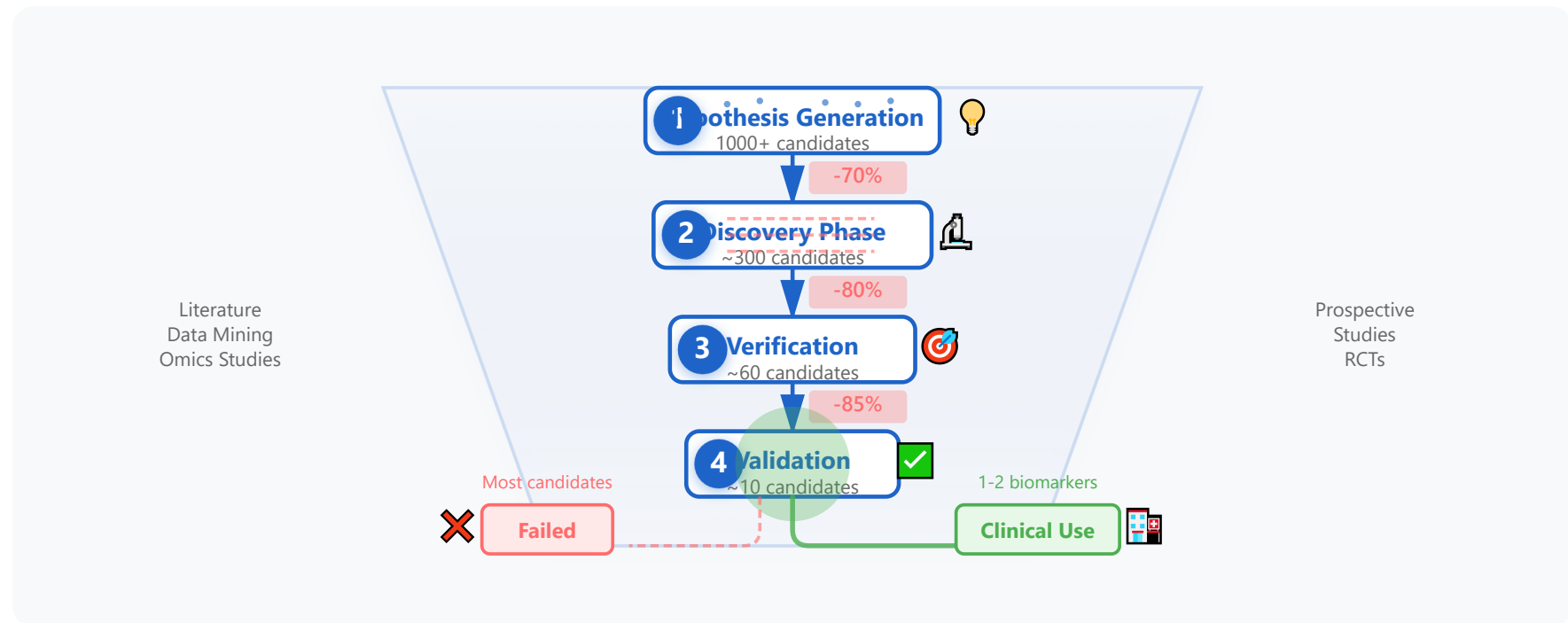1-2 biomarkers

Clinical Use

Prospective
Studies
RCTs

⚠️ Attrition rate is high - most candidates fail before reaching clinical implementation