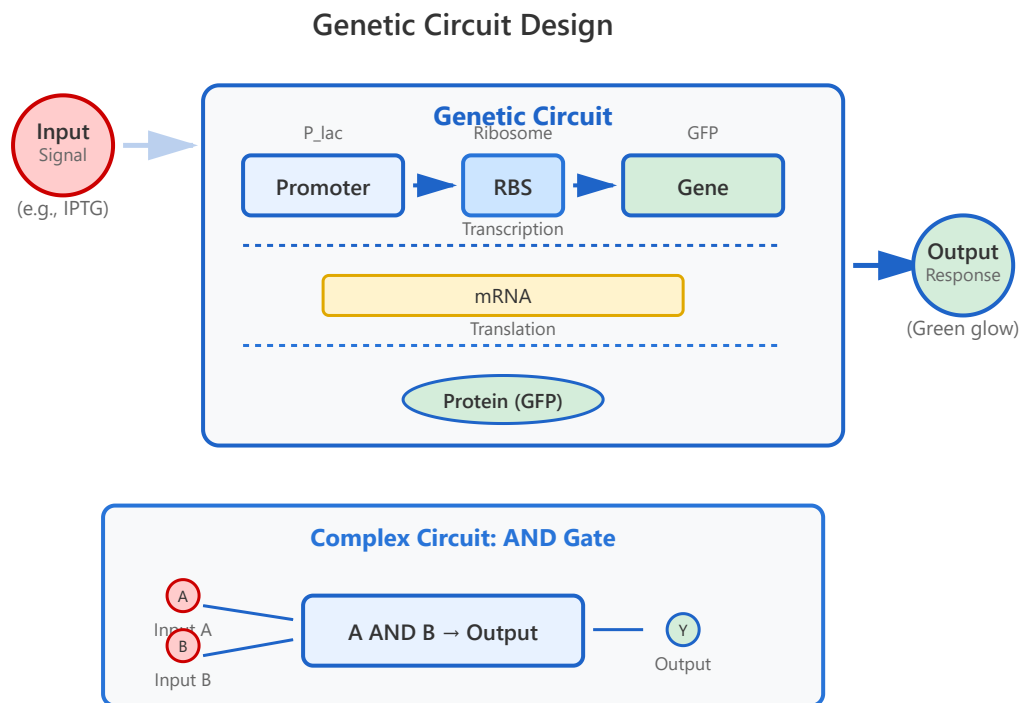


Synthetic Biology



Circuit design

Logic gates & regulatory networks

Part optimization

Promoters, RBS, terminators

Metabolic pathways

Multi-enzyme cascades

Orthogonal systems

Independent control modules

Predictive models

AI-guided circuit optimization