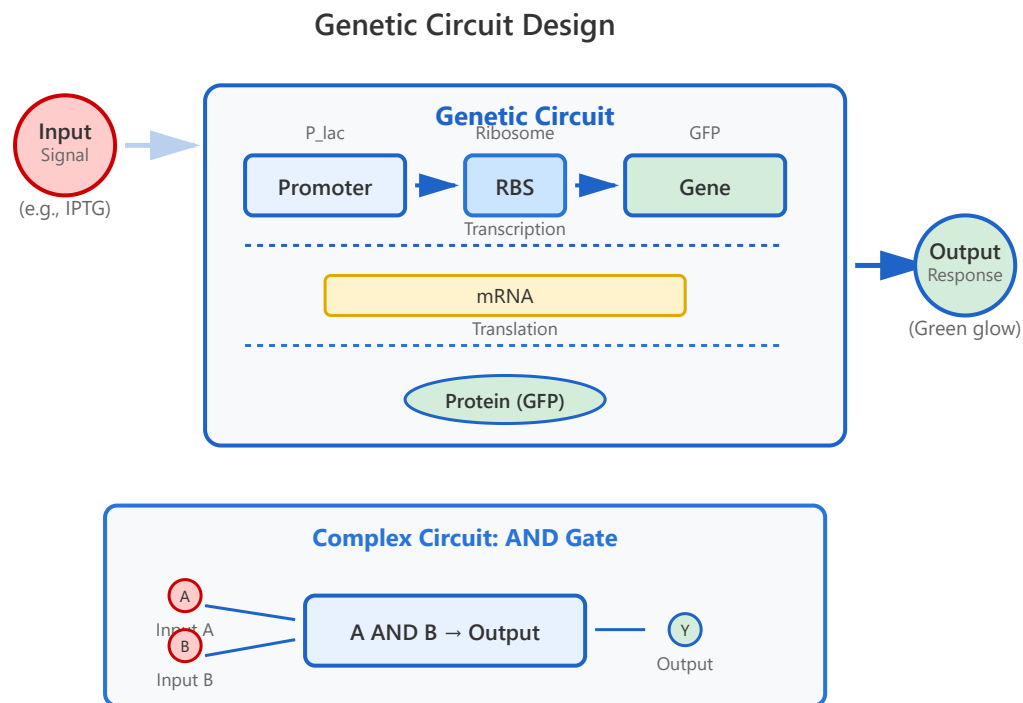


# Synthetic Biology



## 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