#### Knowledge management and standard representation

new approaches for systems modelling

#### The DrugLogics Initiative

#### **COLOSYS**

Computer modeling colon cancer

## Crossover Research 2.0

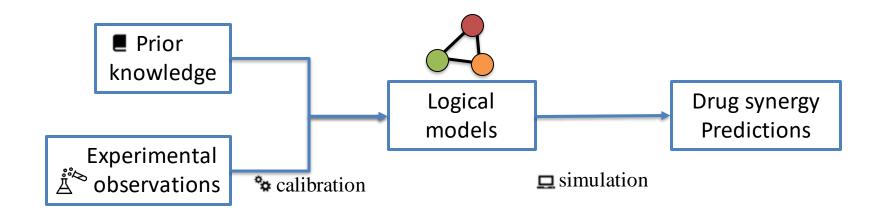
 Constructed Knowledge Commons

# NTNU Health DrugLogics

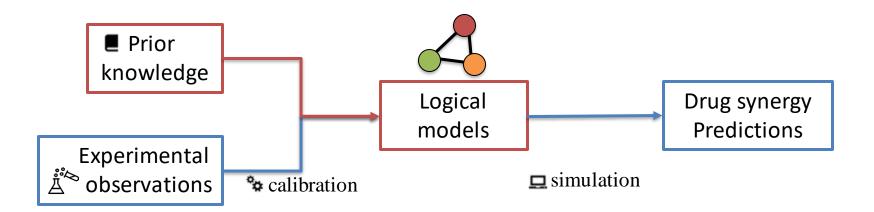
 Development of anti-cancer combinations



#### DrugLogics modelling pipeline

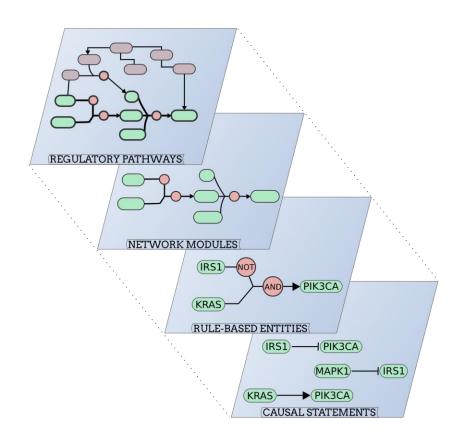


#### DrugLogics modelling pipeline



### My PhD project

Facilitate the process of model building

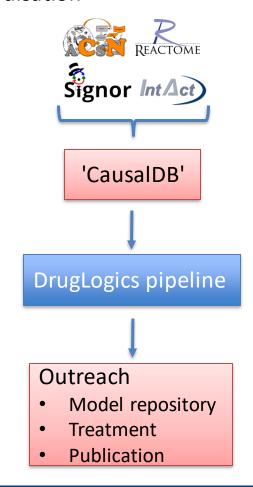


#### My PhD project

Facilitate the process of model building

REGULATORY PATHWAYS NETWORK MODULES (IRS1)—NOT AND PIK3CA KRAS RULE-BASED ENTITIES H(PIK3CA) HIRS1 KRAS PIK3CA CAUSAL STATEMENTS

through data extraction, management and standardisation



#### Thank you for your attention!

