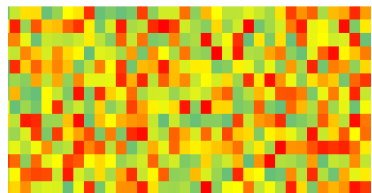


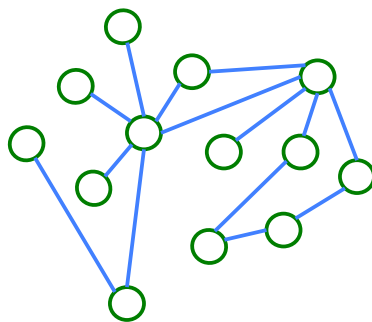
a)

Cell lines

Genes



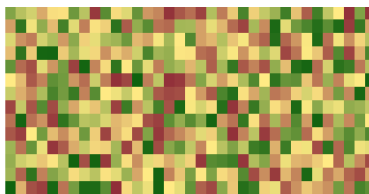
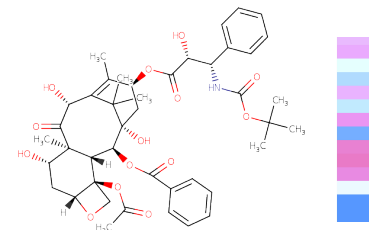
Gene expressions



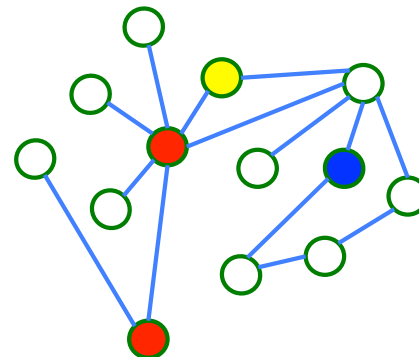
Network

Perform Network  
transformation of  
gene expressions

Drug response  
(e.g. IC50)



Identify response correlated  
genes (RCG) and use them as the  
restart set for a RWR



Obtain equilibrium  
probability distribution  
for the nodes

Normalize w.r.t.  
global network  
distribution

Rank genes according  
to normalized  
probability scores

