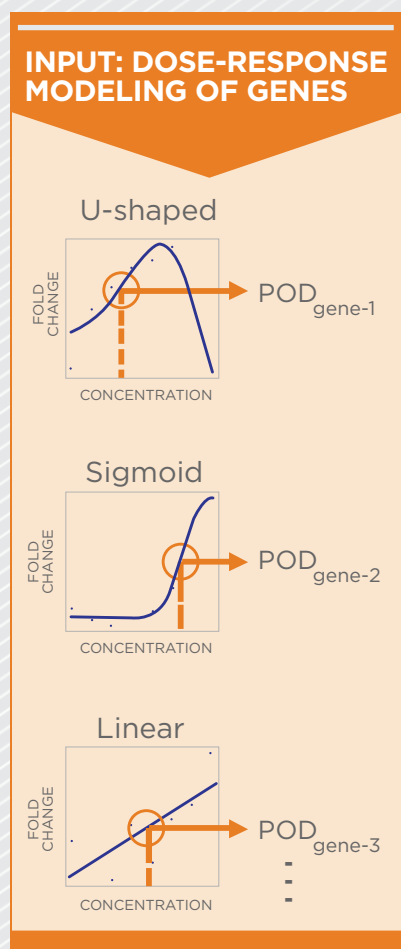


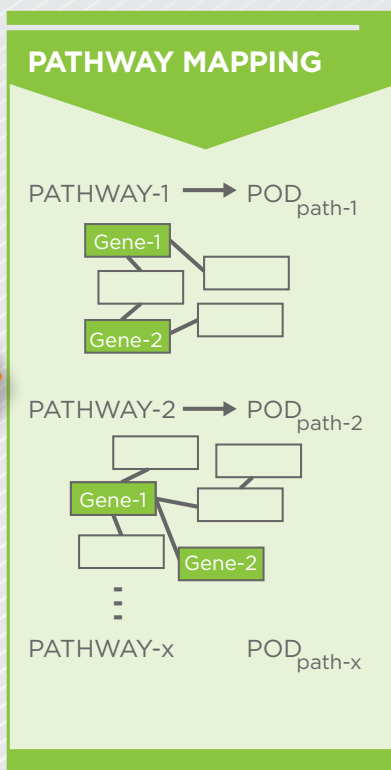
# REDUCED TRANSCRIPTOMIC APPROACH IN CHEMICAL TOXICOLOGY

Full dose range testing of hundreds of chemicals or mixtures can be performed with human cells or zebrafish embryos by a reduced transcriptomic approach. Points of departure of genes and pathways are used for potency ranking and to classify chemicals by disrupted biological pathways.

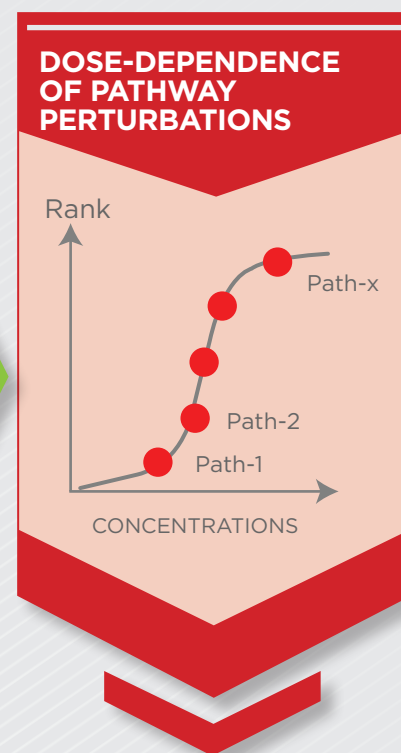
## STEP 1



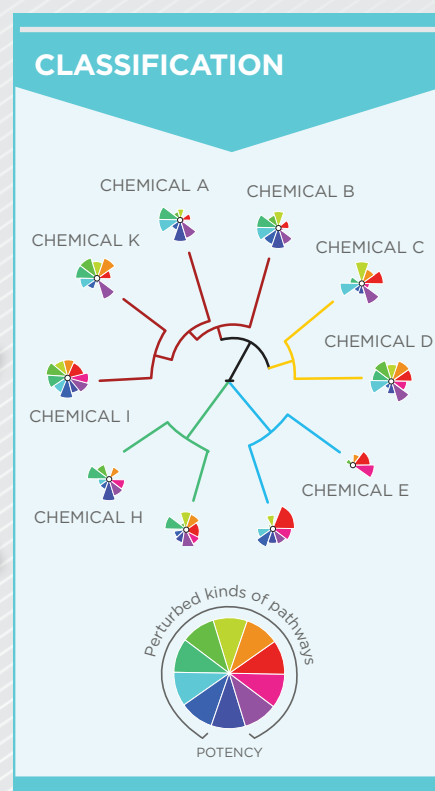
## STEP 2



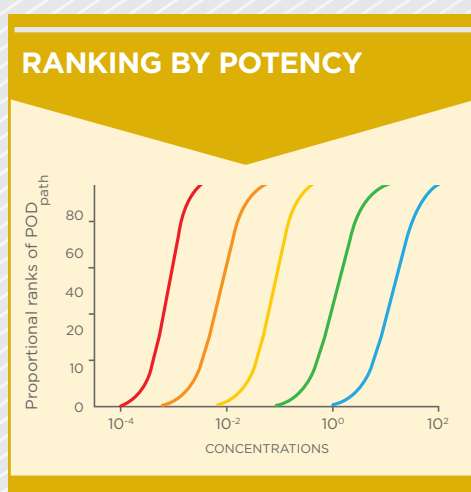
## STEP 3



## STEP 4



## STEP 5



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