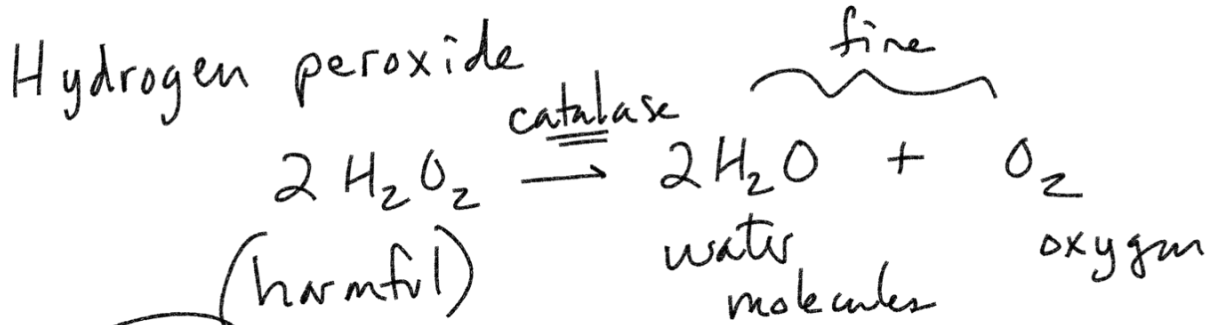


T-GB General Biology Week 8 10/25

Hydrogen peroxide  $\text{H}_2\text{O}_2$  (toxin)

Free radicals  $\rightarrow$  rogue electrons  
molecular level damage



catalase  $\rightarrow$  enzyme breaks down hydrogen peroxide into water and oxygen

peroxisomes

organelles found in cells

Bacteria do not have peroxisomes,  
they die in presence of hydrogen peroxide

