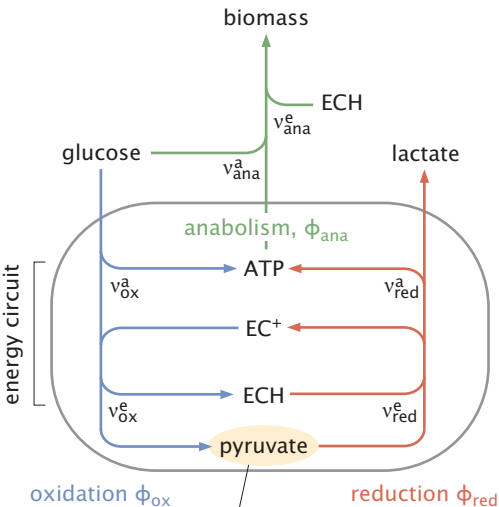
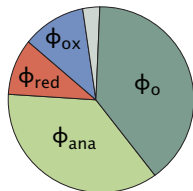


# homolactic glucose fermentation



## biomass composition



additional mass  
balance constraint